

## I

(Acts whose publication is obligatory)

**COUNCIL REGULATION (EEC) No 793/93**

of 23 March 1993

on the evaluation and control of the risks of existing substances

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community, and in particular Article 100a thereof,

Having regard to the proposal from the Commission <sup>(1)</sup>,

In cooperation with the European Parliament <sup>(2)</sup>,

Having regard to the opinion of the Economic and Social Committee <sup>(3)</sup>,

Whereas disparities between the laws, regulations and administrative provisions relating to the risk evaluation of existing substances which are in effect or in preparation in the Member States are liable to hinder trade between Member States and create unequal conditions of competition;

Whereas measures for the approximation of the provisions of the Member States which have as their object the establishment and functioning of the internal market must, in so far as they concern health, safety, environmental and consumer protection, take a high level of protection as a basis;

Whereas, in order to ensure the protection of man, including workers and consumers, and of the environment, it is necessary to carry out at Community level a systematic evaluation of the risks involving existing substances appearing in the Einecs (European Inventory of Existing Commercial Substances) <sup>(4)</sup>;

Whereas, in the interests of efficiency and economy, it is necessary to establish a Community policy which will ensure a sharing and coordination of responsibilities between Member States, the Commission and industrialists;

Whereas a Regulation is the appropriate legal instrument as it imposes directly on manufacturers and importers precise requirements to be implemented at the same time and in the same manner throughout the Community;

Whereas, in order to undertake a preliminary risk evaluation of existing substances and to identify priority substances requiring immediate attention, it is necessary to collect certain information and test data on existing substances;

Whereas the requirement to provide such information should not apply to certain substances which, on the basis of their intrinsic properties, involve only risks generally recognized as minimal;

Whereas the information should be submitted by manufacturers and importers to the Commission, which will send copies to all Member States; whereas, however, it should be possible for a Member State to ask manufacturers and importers established in its territory to submit the same information at the same time to its competent authorities;

Whereas, for the purpose of the risk evaluation of certain existing substances, it is necessary, in certain cases, to require manufacturers or importers to submit further data or to carry out further testing on given existing substances;

Whereas it is necessary to draw up, at Community level, lists of priority substances which require special attention; whereas the Commission should submit not later than one year after the entry into force of this Regulation an initial priority list;

Whereas the risk evaluation of substances on the priority lists should be carried out by the Member States; whereas the latter should be designated at Community level on the basis of a distribution of responsibilities taking account of the situation of the Member States; whereas risk evaluation principles should also be established at Community level;

<sup>(1)</sup> OJ No C 276, 5. 11. 1990, p. 1.

<sup>(2)</sup> OJ No C 280, 28. 10. 1991, p. 65 and OJ No C 337, 21. 12. 1992.

<sup>(3)</sup> OJ No C 102, 18. 4. 1991, p. 42.

<sup>(4)</sup> OJ No C 146, 15. 6. 1990, p. 1.

Whereas, in the priority-setting process and risk evaluation of existing substances, it is necessary to take into account, in particular, the lack of data on the effects of the substance, the work already carried out in other international organizations, such as the Organization for Economic Cooperation and Development, and other legislation and/or Community programmes concerning dangerous substances;

Whereas it is necessary to adopt at Community level the results of the risk evaluation and the recommended strategy for limiting risks in respect of substances on the priority lists;

Whereas it is appropriate to reduce to a minimum the number of animals used for experimental purposes in accordance with the provisions of Council Directive 86/609/EEC of 24 November 1986 on the approximation of laws, regulations and administrative provisions of the Member States regarding the protection of animals used for experimental and other scientific purposes<sup>(1)</sup>; whereas, wherever possible and in consultation, in particular, with the European Centre for Alternative Testing Methods, the use of animals must be avoided by recourse to validated alternative procedures;

Whereas for tests on chemical substances to be carried out in the context of this Regulation it is necessary to follow the good laboratory practices set out in Council Directive 87/18/EEC of 18 December 1986 on the harmonization of laws, regulations and administrative provisions relating to the application of the principles of good laboratory practice and the verification of their application for tests on chemical substances<sup>(2)</sup>;

Whereas the Commission, assisted by a committee made up of representatives of the Member States, should be given the necessary powers to adapt certain Annexes to technical progress and to adopt certain implementing measures in respect of the Regulation;

Whereas the confidential nature of certain information covered by industrial or commercial secrecy should be guaranteed,

HAS ADOPTED THIS REGULATION:

#### Article 1

##### Aims and scope

1. This Regulation shall apply to:

- (a) the collection, circulation and accessibility of information on existing substances;

<sup>(1)</sup> OJ No L 358, 18. 12. 1986, p. 1.

<sup>(2)</sup> OJ No L 15, 17. 1. 1987, p. 29.

- (b) the evaluation of the risks of existing substances to man, including workers and consumers, and to the environment, in order to ensure better management of those risks within the framework of Community provisions.

2. The provisions of this Regulation shall apply without prejudice to Community legislation on the protection of workers and consumers.

#### Article 2

##### Definitions

For the purpose of this Regulation:

- (a) *substances* means chemical elements and their compounds in the natural state or obtained by any production process, including any additive necessary to preserve the stability of the product and any impurity deriving from the process used, but excluding any solvent which may be separated without affecting the stability of the substance or changing its composition;
- (b) *preparations* means mixtures or solutions composed of two or more substances;
- (c) *importing* means bringing into the customs territory of the Community;
- (d) *producing* means the production of substances which are isolated in a solid, liquid or gaseous form;
- (e) *existing substances* means substances listed in Einecs.

#### PART 1

##### SYSTEMATIC DATA REPORTING AND ESTABLISHMENT OF LISTS OF PRIORITY SUBSTANCES

#### Article 3

##### Data reporting on high volume production or import of existing substances

Without prejudice to Article 6 (1), any manufacturer who has produced or any importer who has imported an existing substance, as such or in a preparation, in quantities exceeding 1 000 tonnes per year, at least once in the three years preceding the adoption of this Regulation and/or the year following its adoption, must submit to the Commission, in accordance with the procedure laid down in Article 6 (2) and (3), the following information, as specified in Annex III, within 12 months of entry into force of this Regulation in the case of a substance appearing in Annex I and within 24 months in the case of a substance appearing in Einecs but not in Annex I:

- (a) the name and the Einecs number of the substance;
- (b) the quantity of the substance produced or imported;

- (c) the classification of the substance according to Annex I to Council Directive 67/548/EEC of 27 June 1967 on the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous substances<sup>(1)</sup> or the provisional classification according to the said Directive, including the class of danger, the danger symbol, the risk phrases and the safety phrases;
- (d) information on the reasonably foreseeable uses of the substance;
- (e) data on the physico-chemical properties of the substance;
- (f) data on pathways and environmental fate;
- (g) data on the ecotoxicity of the substance;
- (h) data on the acute and subacute toxicity of the substance;
- (i) data on carcinogenicity, mutagenicity and/or toxicity for reproduction of the substance;
- (j) any other indication relevant to the risk evaluation of the substance.

Manufacturers and importers must make all reasonable efforts to obtain existing data regarding points (e) to (j). However, in the absence of information, manufacturers and importers are not bound to carry out further tests on animals in order to submit such data.

#### Article 4

##### Data reporting on lower volume production or import of existing substances

1. Without prejudice to Article 6 (1), any manufacturer who has produced, or any importer who has imported, an existing substance, as such or in a preparation, in quantities exceeding 10 tonnes per year but no greater than 1 000 tonnes per year, at least once in the three years preceding the adoption of this Regulation and/or the year following its adoption, shall submit to the Commission, in accordance with the procedure laid down in Article 6 (2) and (3), the following information, as specified in Annex IV, within a period of 24 months, to start once the Regulation has been in force for three years:

- (a) the name of the substance and the EINECS number;
- (b) the quantity of the substance produced or imported;

<sup>(1)</sup> OJ 196, 16. 8. 1967, p. 1. Directive as last amended by Commission Directive 91/632/EEC (OJ No L 338, 10. 12. 1991, p. 23).

- (c) the classification of the substance according to Annex I to Directive 67/548/EEC or the provisional classification according to the said Directive, including the class of danger, the danger symbol, the risk phrases and the safety phrases;
- (d) information on the reasonably foreseeable uses of the substance.

2. The Commission, in consultation with the Member States, shall determine the cases in which it is necessary to request the manufacturers and importers of the substances declared in pursuance of paragraph 1 to submit additional information, in the framework of Annex III, on the physico-chemical properties, toxicity, and ecotoxicity of such substances, exposure and any other aspect relevant to the risk evaluation of the substances. However, without prejudice to Article 12 (2), manufacturers and importers are not bound to carry out further tests on animals for that purpose.

The specific information to be submitted and the procedure to be followed for this submission shall be determined in accordance with the procedure laid down in Article 15.

#### Article 5

##### Exemptions

The substances listed in Annex II shall be exempt from the provisions of Articles 3 and 4. However, information on the substances listed in Annex II may be requested by a procedure laid down in accordance with the procedure referred to in Article 15.

#### Article 6

##### Procedure for data reporting

1. In the case of a substance produced or imported by several manufacturers or importers, the information referred to in Article 3 and Article 4 (2) may be submitted by one manufacturer or importer acting, with their agreement, on behalf of other manufacturers or importers concerned. The latter shall nevertheless submit to the Commission the information specified in points 1.1 to 1.19 of the data set laid down in Annex III and, in doing so, shall make reference to the data set submitted by the manufacturer or importer.

2. In submitting the information referred to in Article 3 and in Article 4 (1), the manufacturers and importers shall use only the special software package on diskette made available free of charge by the Commission.

3. Member States may provide that manufacturers and importers established in their territory shall be required to submit simultaneously to their competent authorities the same information as that forwarded to the Commission pursuant to Articles 3 and 4.

4. On receipt of the data referred to in Articles 3 and 4 respectively, the Commission shall forward copies to all the Member States.

#### Article 7

##### Updating of the reported information and obligation to submit certain information spontaneously

1. Manufacturers and importers who have submitted information on a substance in accordance with Articles 3 and 4 shall update the information forwarded to the Commission.

In particular, they shall submit, where appropriate:

- (a) new uses of the substance which substantially change the type, form, magnitude or duration of exposure of man or the environment to the substance;
- (b) new data obtained on the physico-chemical properties, toxicological or ecotoxicological effects where this is likely to be relevant to the evaluation of the potential risk presented by the substance;
- (c) any change in the provisional classification under Directive 67/548/EEC.

They shall also be required to update the information regarding the production and import volumes referred to in Articles 3 and 4 every three years, if there is a change in relation to the volumes specified in Annex III or Annex IV.

2. Any manufacturer or importer of an existing substance who acquires knowledge which supports the conclusion that the substance in question may present a serious risk to man or the environment shall immediately report such information to the Commission and to the Member State in which he is located.

3. Upon receipt of the data referred to in paragraphs 1 and 2, the Commission shall submit copies thereof to all the Member States.

#### Article 8

##### Priority lists

1. On the basis of the information submitted by manufacturers and importers in accordance with Articles 3 and 4, and on the basis of the national lists of priority substances, the Commission, in consultation with Member States, shall regularly draw up lists of priority substances or groups of substances (hereinafter referred to as priority lists) requiring immediate attention because of their potential effects on man or the environment. These lists shall be adopted in accordance with the procedure laid down in Article 15 and shall be published by the Commission for the first time in the course of the year following the entry into force of the Regulation.

2. The factors to be taken into account in drawing up the priority lists shall be:

- the effects of the substance on man or the environment,
- the exposure of man or the environment to the substance,
- the lack of data on the effects of the substance on man and the environment,
- work already carried out in other international fora,
- other Community legislation and/or programmes relating to dangerous substances.

A substance subject to evaluation under other Community legislation should be placed on a priority list only if that evaluation fails to cover risk to the environment or risk to man, including workers and consumers, or if those risks have not been adequately evaluated. An equivalent evaluation carried out under other Community legislation should not be repeated under this Regulation.

Special attention shall be given to substances which may have chronic effects, in particular substances known or suspected to be carcinogenic, toxic to reproduction and/or mutagenic or known or suspected to increase the incidence of these effects.

#### Article 9

##### Data to be supplied for substances appearing on the priority lists

1. For the substances included in the priority lists referred to in Article 8 (1), manufacturers and importers who have submitted information on a substance in accordance with Articles 3 and 4 shall, within six months of publication of the list, submit to the rapporteur designated in accordance with Article 10 (1) all relevant available information and corresponding study reports for risk assessment of the substance concerned.

2. In addition to the requirement specified in paragraph 1, and without prejudice to the testing which may be required under Article 10 (2), if any of the particulars listed in Annex VII A to Directive 67/548/EEC are not available for a given priority substance, the manufacturers and importers who have submitted information on a substance in accordance with Articles 3 and 4 shall be obliged to carry out the testing necessary to obtain the missing data and to provide the test results and test reports to the rapporteur within 12 months.

3. By way of derogation from paragraph 2, manufacturers and importers may request of the rapporteur that they be



exempted from some or all of the additional testing on the grounds that a given piece of information is either unnecessary for risk assessment or is impossible to obtain; they may also request a longer period where circumstances so require. Full justification must be provided to support such derogation and the rapporteur shall decide whether the request should be accepted. Where derogations are allowed in conformity with this Article, the rapporteur shall immediately inform the Commission of his decision. The Commission shall inform the other Member States. If the decision of the rapporteur is contested by one of the other Member States, a final decision shall be taken in conformity with the committee procedure laid down in Article 15.

## PART 2

### RISK EVALUATION

#### Article 10

##### Risk evaluation of the substances on the priority lists at the level of the Member State designated as rapporteur

1. For each substance on the priority lists a Member State shall be given responsibility for its evaluation in accordance with the procedure laid down in Article 15, whilst ensuring fair burden sharing between Member States.

The Member State shall designate a rapporteur for that substance from among the competent authorities referred to in Article 13.

The rapporteur shall be responsible for evaluating the information submitted by the manufacturer(s) or importer(s) in conformity with the requirements of Articles 3, 4, 7 and 9 and any other available information, and for identifying, after consultation of the producers or importers concerned, whether, for the purpose of the risk evaluation, it is necessary to require the above manufacturers or importers of priority substances to submit further information and/or to carry out further testing.

2. Where the rapporteur considers it necessary to request further information and/or testing, it shall inform the Commission accordingly. The decision to impose on the above importers or manufacturers a request for further information and/or testing and the time limits for responding to that request shall be taken in accordance with the procedure laid down in Article 15.

3. The rapporteur for a given priority substance shall evaluate the risk of that substance to man and the environment.

Where appropriate, it shall suggest a strategy for limiting these risks, including control measures and/or surveillance programmes. Where such control measures include recommendations for restrictions on the marketing or use of the substance in question, the rapporteur shall submit an

analysis of the advantages and drawbacks of the substance and of the availability of replacement substances.

The recommended risk evaluation and strategy shall be forwarded to the Commission by the rapporteur.

4. The real or potential risk to man and the environment shall be assessed on the basis of principles adopted, by 4. June 1994, in accordance with the procedure laid down in Article 15. These principles shall be regularly reviewed and, where appropriate, revised in accordance with the same procedure.

5. When manufacturers or importers are asked for further information and/or testing, they must also check, in view of the need to limit practical experiments on vertebrates, whether the information needed to evaluate the substance is not available from former manufacturers or importers of the declared substance and cannot be obtained, possibly against payment of costs. Where experiments are essential, it must be checked whether tests on animals cannot be replaced or limited by using other methods.

Necessary laboratory tests must be performed with due respect for the principles of 'good laboratory practice' as laid down in Directive 87/18/EEC and for the provisions of Directive 86/609/EEC.

#### Article 11

##### Risk evaluation of the substances on the priority lists at Community level

1. On the basis of the risk evaluation and measures recommended by the rapporteur, the Commission shall submit to the Committee referred to in Article 15 (1) a proposal concerning the results of the risk evaluation of the priority substances and, if necessary, a recommendation for an appropriate strategy for limiting those risks.

2. The results of the risk evaluation of the priority substances, and the recommended strategy shall be adopted at Community level in accordance with the procedure laid down in Article 15, and shall be published by the Commission.

3. On the basis of the risk evaluation and the recommended strategy referred to in paragraph 2, the Commission shall decide, where necessary, to propose Community measures in the framework of Council Directive 76/769/EEC of 27 July 1976 on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations <sup>(1)</sup> or in the framework of other relevant existing Community instruments.

(1) OJ No L 262, 27. 9. 1976, p. 201. Directive as last amended by Directive 91/659/EEC (OJ No L 363, 31. 12. 1991, p. 36).

*Article 12***Obligations relating to the provision of further information and to further testing**

1. Any manufacturer or importer of a substance appearing on the priority lists referred to in Article 8 (1) and who has submitted the information under Articles 3 and 4 must, within a given time limit, supply the rapporteur with the data and test results concerning that substance referred to in Article 9 (1) and (2) and those referred to in Article 10 (2).

2. Without prejudice to Article 7 (2), where there are valid reasons for believing that a substance appearing in Einescs may present a serious risk to man or the environment, a decision to ask the manufacturer(s) and importer(s) of the said substance to supply the information which they possess and/or to subject the existing substance to testing and provide a report thereon shall be taken in accordance with the procedure laid down in Article 15.

3. In the case of a substance produced or imported as such or in a preparation by several manufacturers or importers, testing in pursuance of paragraphs 1 and 2 may be performed by one or more manufacturers or importers acting on behalf of other manufacturers or importers concerned. The other manufacturers or importers concerned shall make reference to the tests carried out by that or those manufacturers or importers and shall make a fair and equitable contribution to the cost.

*Article 13***Collaboration between the Member States and the Commission**

Member States shall designate one or more competent authorities to participate in the implementation of this Regulation in collaboration with the Commission, in particular for the work referred to in Articles 8 and 10. The Member States shall also designate the authority or authorities to which the Commission shall send the copy of the data received.

## PART 3

**MANAGEMENT, CONFIDENTIALITY, MISCELLANEOUS AND FINAL PROVISIONS***Article 14***Amendment and adaptation of the Annexes**

1. The amendments necessary for adapting Annexes I, II, III and IV to technical progress shall be adopted in accordance with the procedure laid down in Article 15.

2. The amendments and adaptations to Annex V shall be adopted by the Commission.

*Article 15***Committee**

1. The Commission shall be assisted by a Committee composed of the representatives of the Member States and chaired by the representative of the Commission.

2. The representative of the Commission shall submit to the Committee a draft of the measures to be taken. The Committee shall deliver its opinion on the draft within a time limit which the Chairman may lay down according to the urgency of the matter. The opinion shall be delivered by the majority laid down in Article 148 (2) of the Treaty in the case of decision which the Council is required to adopt on a proposal from the Commission. The votes of the representatives of the Member States within the Committee shall be weighted in the manner set out in that Article. The Chairman shall not vote.

3. The Commission shall adopt the measures envisaged if they are in accordance with the opinion of the Committee.

If the measures envisaged are not in accordance with the opinion of the Committee, or if no opinion is delivered, the Commission shall, without delay, submit to the Council a proposal relating to the measures to be taken. The Council shall act by a qualified majority.

4. (a) Except in the cases referred to in subparagraph (b) below, if, on the expiry of a period of two months from the date of referral to the Council, the Council has not acted, the proposed measures shall be adopted by the Commission.

(b) In the case of decisions referred to in Article 11 (2) and Article 14 (1) if, on the expiry of a period of two months from the date of referral to the Council, the Council has not acted, the proposed measures shall be adopted by the Commission, save where the Council has decided against the said measures by a simple majority.

*Article 16***Confidentiality of data**

1. If he considers that there is a confidentiality problem, the manufacturer or importer may indicate the information provided for in Articles 3, 4, 7 and 12, which he considers to be commercially sensitive and disclosure of which might harm him industrially or commercially, and which he therefore wishes to be kept secret from all persons other than Member States and the Commission. Full justification must be given in such cases.

Industrial and commercial secrecy shall not apply to:

- the name of the substance, as given in Einecs,
- the name of the manufacturer or importer,
- data on physico-chemical properties of the substance and on pathways and environmental fate,
- the summary results of the toxicological and ecotoxicological tests, in particular data on carcinogenicity, mutagenicity and/or the substance's toxicity for reproduction,
- any information relating to the methods and precautions relating to the substance and the emergency measures,
- any information which, if withheld, might lead to animal experiments being carried out or repeated needlessly,
- analytical methods that make it possible to detect a dangerous substance when discharged into the environment as well as to determine the direct exposure of humans to the substance.

If the manufacturer or importer should himself later disclose previously confidential information, he shall inform the competent authority accordingly.

2. The authority receiving the information shall decide on its own responsibility which information is covered by industrial and commercial secrecy in accordance with paragraph 1.

Information accepted as being confidential by the authority receiving the information shall be treated as being confidential by the other authorities.

*Article 17*

Not later than one year following adoption of this Regulation, Member States shall establish appropriate legal or administrative measures in order to deal with non-compliance with the provisions of this Regulation.

*Article 18*

This Regulation shall enter into force on the 60th day following its publication in the *Official Journal of the European Communities*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 23 March 1993.

*For the Council*

*The President*

S. AUKEN

**ANNEX I****LIST OF EXISTING SUBSTANCES PRODUCED OR IMPORTED WITHIN THE COMMUNITY IN QUANTITIES EXCEEDING 1 000 TONNES PER YEAR (\*)**

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(\*) The petroleum products are grouped into 31 groups identified by a number or a number and a letter (group 1, group 2, group 3A, group 3B, group 3C, group 4A, group 4B, etc.), see pages 35 to 68.  
For any one particular group of substances, manufacturers or importers may decide to submit only one set of information, but only in so far as points 2 to 6 inclusive of the information as laid down in Annex III are concerned; this information will then be taken as applying to all substances contained within that particular group.

| EINECS no | group  | CAS no  | EINECS no | group  | CAS no  |
|-----------|--|---------|-----------|--|---|
| 200-001-8 | formaldehyde CH <sub>2</sub> O   | 50-00-0 | 200-573-9 | tetrasodium ethylenediaminetetraacetate  | 64-02-8<br>C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub> .4Na |
| 200-002-3 | guanidinium chloride CH <sub>5</sub> N <sub>3</sub> .ClH                     | 50-01-1 | 200-578-6 | ethanol C <sub>2</sub> H <sub>6</sub> O  | 64-17-5   |
| 200-064-1 | O-acetylsalicylic acid C <sub>9</sub> H <sub>8</sub> O <sub>4</sub>          | 50-78-2 | 200-579-1 | formic acid CH <sub>2</sub> O <sub>2</sub>   | 64-18-6   |
| 200-149-3 | trichlorfon C <sub>4</sub> H <sub>8</sub> Cl <sub>3</sub> O <sub>4</sub> P   | 52-68-6 | 200-580-7 | acetic acid, of a concentration of more than 10 per cent, by weight, of acetic acid C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> | 64-19-7   |
| 200-198-0 | sodium salicylate C <sub>7</sub> H <sub>6</sub> O <sub>3</sub> .Na           | 54-21-7 | 200-589-6 | diethyl sulphate C <sub>4</sub> H <sub>10</sub> O <sub>4</sub> S   | 64-67-5   |
| 200-231-9 | fenthion C <sub>10</sub> H <sub>15</sub> O <sub>3</sub> PS <sub>2</sub>      | 55-38-9 | 200-618-2 | benzoic acid C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>  | 65-85-0   |
| 200-262-8 | carbon tetrachloride CCl <sub>4</sub>  | 56-23-5 | 200-655-4 | choline chloride C <sub>5</sub> H <sub>14</sub> NO.Cl  | 67-48-1   |
| 200-268-0 | bis(tributyltin)oxide C <sub>24</sub> H <sub>54</sub> OSn <sub>2</sub>       | 56-35-9 | 200-659-6 | methanol CH <sub>4</sub> O   | 67-56-1   |
| 200-271-7 | parathion C <sub>10</sub> H <sub>14</sub> NO <sub>3</sub> PS                 | 56-38-2 | 200-661-7 | propan-2-ol C <sub>3</sub> H <sub>8</sub> O  | 67-63-0   |
| 200-272-2 | glycine-iron sulphate (1:1) C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>    | 56-40-6 | 200-662-2 | acetone C <sub>3</sub> H <sub>6</sub> O  | 67-64-1   |
| 200-289-5 | glycerol C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>                        | 56-81-5 | 200-663-8 | chloroform CHCl <sub>3</sub>   | 67-66-3   |
| 200-315-5 | urea CH <sub>4</sub> N <sub>2</sub> O  | 57-13-6 | 200-664-3 | dimethyl sulfoxide C <sub>2</sub> H <sub>6</sub> OS  | 67-68-5   |
| 200-338-0 | propane-1,2-diol C <sub>3</sub> H <sub>8</sub> O <sub>2</sub>                | 57-55-6 | 200-666-4 | hexachloroethane C <sub>2</sub> Cl <sub>6</sub>  | 67-72-1   |
| 200-362-1 | caffeine C <sub>8</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub>        | 58-08-2 | 200-675-3 | trisodium citrate C <sub>6</sub> H <sub>8</sub> O <sub>7</sub> .3Na  | 68-04-2   |
| 200-385-7 | theophylline C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> O <sub>2</sub>     | 58-55-9 | 200-677-4 | mercaptoacetic acid C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> S   | 68-11-1   |
| 200-401-2 | γ-HCH or γ-BHC C <sub>6</sub> H <sub>6</sub> Cl <sub>6</sub>                 | 58-89-9 | 200-679-5 | N,N-dimethylformamide C <sub>3</sub> H <sub>7</sub> NO   | 68-12-2   |
| 200-431-6 | chlorocresol C <sub>7</sub> H <sub>7</sub> ClO                               | 59-50-7 | 200-694-7 | sodium [(2,3-dihydro-1,5-dimethyl-3-oxo-2-phenyl-1H-pyrazol-4-yl)methylamino]methanesulphonate                                   | 68-89-3<br>C <sub>13</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S.Na |
| 200-449-4 | edetic acid C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub>    | 60-00-4 | 200-712-3 | salicylic acid C <sub>7</sub> H <sub>6</sub> O <sub>3</sub>  | 69-72-7   |
| 200-456-2 | 2-phenylethanol C <sub>8</sub> H <sub>10</sub> O                             | 60-12-8 | 200-719-1 | α-phenylglycine C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>  | 69-91-0   |
| 200-464-6 | 2-mercaptoethanol C <sub>2</sub> H <sub>6</sub> OS                           | 60-24-2 | 200-746-9 | propan-1-ol C <sub>3</sub> H <sub>8</sub> O  | 71-23-8   |
| 200-467-2 | diethyl ether C <sub>4</sub> H <sub>10</sub> O                               | 60-29-7 | 200-751-6 | butan-1-ol C <sub>4</sub> H <sub>10</sub> O  | 71-36-3   |
| 200-480-3 | dimethoate C <sub>5</sub> H <sub>12</sub> NO <sub>3</sub> PS <sub>2</sub>    | 60-51-5 | 200-753-7 | benzene, pure C <sub>6</sub> H <sub>6</sub>  | 71-43-2   |
| 200-486-6 | phenazone C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O                   | 60-80-0 | 200-756-3 | 1,1,1-trichloroethane C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>  | 71-55-6   |
| 200-521-5 | amitrole C <sub>2</sub> H <sub>4</sub> N <sub>4</sub>                        | 61-82-5 | 200-812-7 | methane in gaseous state CH <sub>4</sub>   | 74-82-8   |
| 200-539-3 | aniline C <sub>6</sub> H <sub>7</sub> N                                      | 62-53-3 | 200-813-2 | bromomethane CH <sub>3</sub> Br  | 74-83-9   |
| 200-540-9 | calcium di(acetate) C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> .1/2Ca      | 62-54-4 | 200-814-8 | ethane C <sub>2</sub> H <sub>6</sub>   | 74-84-0   |
| 200-543-5 | thiourea CH <sub>4</sub> N <sub>2</sub> S                                    | 62-56-6 | 200-815-3 | ethylene, pure C <sub>2</sub> H <sub>4</sub>   | 74-85-1   |
| 200-563-4 | sulphanilamide C <sub>6</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S | 63-74-1 | 200-816-9 | acetylene C <sub>2</sub> H <sub>2</sub>  | 74-86-2   |

| EINECS no | group   | CAS no  | EINECS no | group  | CAS no  |
|-----------|---|---------|-----------|--|---------|
| 200-817-4 | chloromethane CH <sub>3</sub> Cl                                    | 74-87-3 | 200-889-7 | 2-methylpropan-2-ol C <sub>4</sub> H <sub>10</sub> O                         | 75-65-0 |
| 200-820-0 | methylamine, in aqueous solution CH <sub>3</sub> N                  | 74-89-5 | 200-891-8 | 1-chloro-1,1-difluoroethane C <sub>2</sub> H <sub>3</sub> ClF <sub>2</sub>   | 75-68-3 |
| 200-821-6 | hydrogen cyanide CHN  | 74-90-8 | 200-892-3 | trichlorofluoromethane CCl <sub>3</sub> F                                    | 75-69-4 |
| 200-822-1 | methanethiol CH <sub>4</sub> S                                      | 74-93-1 | 200-893-9 | dichlorodifluoromethane CCl <sub>2</sub> F <sub>2</sub>                      | 75-71-8 |
| 200-825-8 | bromoethane C <sub>2</sub> H <sub>5</sub> Br                        | 74-96-4 | 200-900-5 | chlorotrimethylsilane C <sub>3</sub> H <sub>9</sub> ClSi                     | 75-77-4 |
| 200-827-9 | propane liquefied C <sub>3</sub> H <sub>8</sub>                     | 74-98-6 | 200-901-0 | dichloro(dimethyl)silane C <sub>2</sub> H <sub>6</sub> Cl <sub>2</sub> Si    | 75-78-5 |
| 200-830-5 | chloroethane C <sub>2</sub> H <sub>5</sub> Cl                       | 75-00-3 | 200-902-6 | trichloro(methyl)silane CH <sub>3</sub> Cl <sub>3</sub> Si                   | 75-79-6 |
| 200-831-0 | chloroethylene C <sub>2</sub> H <sub>3</sub> Cl                     | 75-01-4 | 200-909-4 | 2-hydroxy-2-methylpropionitrile C <sub>4</sub> H <sub>7</sub> NO             | 75-86-5 |
| 200-834-7 | ethylamine C <sub>2</sub> H <sub>7</sub> N                          | 75-04-7 | 200-911-5 | trichloroacetaldehyde C <sub>2</sub> HCl <sub>3</sub> O                      | 75-87-6 |
| 200-835-2 | acetonitrile C <sub>2</sub> H <sub>3</sub> N                        | 75-05-8 | 200-915-7 | tert-butyl hydroperoxide C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>       | 75-91-2 |
| 200-836-8 | acetaldehyde C <sub>2</sub> H <sub>4</sub> O                        | 75-07-0 | 200-922-5 | pivalic acid C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>                   | 75-98-9 |
| 200-837-3 | ethanethiol C <sub>2</sub> H <sub>6</sub> S                         | 75-08-1 | 200-927-2 | trichloroacetic acid C <sub>2</sub> HCl <sub>3</sub> O <sub>2</sub>          | 76-03-9 |
| 200-838-9 | dichloromethane CH <sub>2</sub> Cl <sub>2</sub>                     | 75-09-2 | 200-936-1 | 1,1,2-trichlorotrifluoroethane C <sub>2</sub> Cl <sub>3</sub> F <sub>3</sub> | 76-13-1 |
| 200-842-0 | formamide CH <sub>3</sub> NO  | 75-12-7 | 200-937-7 | cryofluorane C <sub>2</sub> Cl <sub>2</sub> F <sub>4</sub>                   | 76-14-2 |
| 200-843-6 | carbon disulphide CS <sub>2</sub>                                   | 75-15-0 | 200-938-2 | chloropentafluoroethane C <sub>2</sub> ClF <sub>5</sub>                      | 76-15-3 |
| 200-846-2 | dimethyl sulphide C <sub>2</sub> H <sub>6</sub> S                   | 75-18-3 | 200-945-0 | bornan-2-one C <sub>10</sub> H <sub>16</sub> O                               | 76-22-2 |
| 200-848-3 | calcium acetylide C <sub>2</sub> Ca                                 | 75-20-7 | 201-029-3 | hexachlorocyclopentadiene C <sub>5</sub> Cl <sub>6</sub>                     | 77-47-4 |
| 200-849-9 | ethylene oxide C <sub>2</sub> H <sub>4</sub> O                      | 75-21-8 | 201-052-9 | 3a,4,7,7a-tetrahydro-4,7-methanoindene C <sub>10</sub> H <sub>12</sub>       | 77-73-6 |
| 200-857-2 | isobutane C <sub>4</sub> H <sub>10</sub>                            | 75-28-5 | 201-058-1 | dimethyl sulphate C <sub>2</sub> H <sub>6</sub> O <sub>4</sub> S             | 77-78-1 |
| 200-860-9 | isopropylamine C <sub>3</sub> H <sub>9</sub> N                      | 75-31-0 | 201-069-1 | citric acid C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>                     | 77-92-9 |
| 200-864-0 | 1,1-dichloroethylene C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub>  | 75-35-4 | 201-074-9 | propylidynetrimethanol C <sub>6</sub> H <sub>14</sub> O <sub>3</sub>         | 77-99-6 |
| 200-865-6 | acetyl chloride C <sub>2</sub> H <sub>3</sub> ClO                   | 75-36-5 | 201-114-5 | triethyl phosphate C <sub>6</sub> H <sub>15</sub> O <sub>4</sub> P           | 78-40-0 |
| 200-870-3 | phosgene CCl <sub>2</sub> O   | 75-44-5 | 201-116-6 | tris(2-ethylhexyl)phosphate C <sub>24</sub> H <sub>51</sub> O <sub>4</sub> P | 78-42-2 |
| 200-871-9 | chlorodifluoromethane CHClF <sub>2</sub>                            | 75-45-6 | 201-126-0 | 3,5,5-trimethylcyclohex-2-enone C <sub>9</sub> H <sub>14</sub> O             | 78-59-1 |
| 200-875-0 | trimethylamine, in aqueous solution C <sub>3</sub> H <sub>9</sub> N | 75-50-3 | 201-134-4 | linalool C <sub>10</sub> H <sub>18</sub> O                                   | 78-70-6 |
| 200-877-1 | dichloro(methyl)silane CH <sub>4</sub> Cl <sub>2</sub> Si           | 75-54-7 | 201-143-3 | isoprene C <sub>5</sub> H <sub>8</sub>                                       | 78-79-5 |
| 200-879-2 | methyloxirane C <sub>3</sub> H <sub>6</sub> O                       | 75-56-9 | 201-148-0 | 2-methylpropan-1-ol C <sub>4</sub> H <sub>10</sub> O                         | 78-83-1 |
| 200-887-6 | bromotrifluoromethane CBrF <sub>3</sub>                             | 75-63-8 | 201-149-6 | isobutyraldehyde C <sub>4</sub> H <sub>8</sub> O                             | 78-84-2 |
| 200-888-1 | tert-butylamine C <sub>4</sub> H <sub>11</sub> N                    | 75-64-9 | 201-152-2 | 1,2-dichloropropane C <sub>3</sub> H <sub>6</sub> Cl <sub>2</sub>            | 78-87-5 |

| EINECS no | group   | CAS no  | EINECS no | group   | CAS no  |
|-----------|---|---------|-----------|---|---------|
| 201-155-9 | propylenediamine C <sub>3</sub> H <sub>10</sub> N <sub>2</sub>  | 78-90-0 | 201-297-1 | methyl methacrylate C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>  | 80-62-6 |
| 201-158-5 | butan-2-ol C <sub>4</sub> H <sub>10</sub> O   | 78-92-2 | 201-325-2 | 4,4'-diaminostilbene-2,2'-disulphonic acid C <sub>14</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub> | 81-11-8 |
| 201-159-0 | butanone C <sub>4</sub> H <sub>8</sub> O  | 78-93-3 | 201-331-5 | 2-aminonaphthalene-1-sulphonic acid C <sub>10</sub> H <sub>9</sub> NO <sub>3</sub> S                                    | 81-16-3 |
| 201-162-7 | 1-aminopropan-2-ol C <sub>3</sub> H <sub>9</sub> NO   | 78-96-6 | 201-380-2 | naphthalene-1,8-dicarboxylic anhydride C <sub>12</sub> H <sub>6</sub> O <sub>3</sub>                                    | 81-84-5 |
| 201-166-9 | 1,1,2-trichloroethane C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub>   | 79-00-5 | 201-423-5 | 1-aminoanthraquinone C <sub>14</sub> H <sub>9</sub> NO <sub>2</sub>   | 82-45-1 |
| 201-167-4 | trichloroethylene C <sub>2</sub> HCl <sub>3</sub>   | 79-01-6 | 201-427-7 | 9,10-dioxoanthracene-1-sulphonic acid C <sub>14</sub> H <sub>8</sub> O <sub>5</sub> S                                   | 82-49-5 |
| 201-173-7 | acrylamide C <sub>3</sub> H <sub>5</sub> NO   | 79-06-1 | 201-469-6 | acenaphthene C <sub>12</sub> H <sub>10</sub>  | 83-32-9 |
| 201-176-3 | propionic acid C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>   | 79-09-4 | 201-487-4 | naphthalene-1,5-diol C <sub>10</sub> H <sub>8</sub> O <sub>2</sub>  | 83-56-7 |
| 201-177-9 | acrylic acid C <sub>3</sub> H <sub>4</sub> O <sub>2</sub>   | 79-10-7 | 201-545-9 | dicyclohexyl phthalate C <sub>20</sub> H <sub>26</sub> O <sub>4</sub>   | 84-61-7 |
| 201-178-4 | chloroacetic acid C <sub>2</sub> H <sub>3</sub> ClO <sub>2</sub>  | 79-11-8 | 201-549-0 | anthraquinone C <sub>14</sub> H <sub>8</sub> O <sub>2</sub>   | 84-65-1 |
| 201-185-2 | methyl acetate C <sub>3</sub> H <sub>6</sub> O <sub>2</sub>   | 79-20-9 | 201-550-6 | diethyl phthalate C <sub>12</sub> H <sub>14</sub> O <sub>4</sub>  | 84-66-2 |
| 201-186-8 | peracetic acid C <sub>2</sub> H <sub>4</sub> O <sub>3</sub>   | 79-21-0 | 201-553-2 | diisobutyl phthalate C <sub>16</sub> H <sub>22</sub> O <sub>4</sub>   | 84-69-5 |
| 201-187-3 | methyl chloroformate C <sub>2</sub> H <sub>3</sub> ClO <sub>2</sub>   | 79-22-1 | 201-557-4 | dibutyl phthalate C <sub>16</sub> H <sub>22</sub> O <sub>4</sub>  | 84-74-2 |
| 201-195-7 | isobutyric acid C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>  | 79-31-2 | 201-579-4 | diquat dibromide C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> 2Br   | 85-00-7 |
| 201-196-2 | l-(+)-lactic acid C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>  | 79-33-4 | 201-581-5 | phenanthrene, pure C <sub>14</sub> H <sub>10</sub>  | 85-01-8 |
| 201-197-8 | 1,1,2,2-tetrachloroethane C <sub>2</sub> H <sub>2</sub> Cl <sub>4</sub>   | 79-34-5 | 201-604-9 | cyclohexane-1,2-dicarboxylic anhydride C <sub>8</sub> H <sub>10</sub> O <sub>3</sub>                                    | 85-42-7 |
| 201-199-9 | dichloroacetyl chloride C <sub>2</sub> HCl <sub>3</sub> O   | 79-36-7 | 201-605-4 | 1,2,3,6-tetrahydrophthalic anhydride C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>                                       | 85-43-8 |
| 201-202-3 | methacrylamide C <sub>4</sub> H <sub>7</sub> NO   | 79-39-0 | 201-607-5 | phthalic anhydride C <sub>8</sub> H <sub>4</sub> O <sub>3</sub>   | 85-44-9 |
| 201-204-4 | methacrylic acid C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>   | 79-41-4 | 201-615-9 | 2-(4-chlorobenzoyl)benzoic acid C <sub>14</sub> H <sub>9</sub> ClO <sub>3</sub>   | 85-56-3 |
| 201-210-7 | (±)-dihydro-3-hydroxy-4,4-dimethylfuran-2(3 <i>H</i> )-one C <sub>6</sub> H <sub>10</sub> O <sub>3</sub>        | 79-50-5 | 201-622-7 | benzyl butyl phthalate C <sub>19</sub> H <sub>20</sub> O <sub>4</sub>   | 85-68-7 |
| 201-234-8 | camphene C <sub>10</sub> H <sub>16</sub>  | 79-92-5 | 201-684-5 | 1-nitronaphthalene C <sub>10</sub> H <sub>7</sub> NO <sub>2</sub>   | 86-57-7 |
| 201-236-9 | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol C <sub>15</sub> H <sub>12</sub> Br <sub>4</sub> O <sub>2</sub> | 79-94-7 | 201-718-9 | 7-amino-4-hydroxynaphthalene-2-sulphonic acid C <sub>10</sub> H <sub>9</sub> NO <sub>4</sub> S                          | 87-02-5 |
| 201-245-8 | 4,4'-isopropylidenediphenol C <sub>15</sub> H <sub>16</sub> O <sub>2</sub>                                      | 80-05-7 | 201-752-4 | mucochloric acid C <sub>4</sub> H <sub>2</sub> Cl <sub>2</sub> O <sub>3</sub>   | 87-56-9 |
| 201-254-7 | α,α-dimethylbenzyl hydroperoxide C <sub>9</sub> H <sub>12</sub> O <sub>2</sub>                                  | 80-15-9 | 201-757-1 | 1,2,3-trichlorobenzene C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub>  | 87-61-6 |
| 201-279-3 | bis(α,α-dimethylbenzyl)peroxide C <sub>18</sub> H <sub>22</sub> O <sub>2</sub>                                  | 80-43-3 | 201-758-7 | 2,6-xylydine C <sub>8</sub> H <sub>11</sub> N   | 87-62-7 |
| 201-281-4 | 1-methyl-1-(4-methylcyclohexyl)ethyl hydroperoxide C <sub>10</sub> H <sub>20</sub> O <sub>2</sub>               | 80-47-7 | 201-761-3 | 2,6-dichlorophenol C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub> O  | 87-65-0 |
| 201-291-9 | pin-2(3)-ene C <sub>10</sub> H <sub>16</sub>  | 80-56-8 | 201-765-5 | hexachlorobuta-1,3-diene C <sub>4</sub> Cl <sub>6</sub>   | 87-68-3 |
|           |   |         | 201-778-6 | pentachlorophenol C <sub>6</sub> HCl <sub>5</sub> O   | 87-86-5 |
|           |   |         | 201-782-8 | symclosene C <sub>3</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>3</sub>   | 87-90-1 |

| EINECS no                                     | group  | CAS no  | EINECS no                                  | group   | CAS no  |
|---|--|---------|--|---|---------|
| 201-795-9                                     |  | 88-06-2 | 202-180-8                                  |   | 92-70-6 |
| 2,4,6-trichlorophenol                         | C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub> O                |         | 3-hydroxy-2-naphthoic acid                 | C <sub>11</sub> H <sub>8</sub> O <sub>3</sub>                 |         |
| 201-800-4                                     |  | 88-12-0 | 202-200-5                                  |   | 92-88-6 |
| 1-vinyl-2-pyrrolidone                         | C <sub>6</sub> H <sub>9</sub> NO                               |         | biphenyl-4,4'-diol                         | C <sub>12</sub> H <sub>10</sub> O <sub>2</sub>                |         |
| 201-831-3                                     |  | 88-44-8 | 202-264-4                                  |   | 93-65-2 |
| 4-aminotoluene-3-sulphonic acid               | C <sub>7</sub> H <sub>9</sub> NO <sub>3</sub> S                |         | 2-(4-chloro-2-methylphenoxy)propionic acid | C <sub>10</sub> H <sub>11</sub> ClO <sub>3</sub>              |         |
| 201-853-3                                     |  | 88-72-2 | 202-303-5                                  |   | 94-09-7 |
| 2-nitrotoluene                                | C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>                  |         | benzocaine                                 | C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>                |         |
| 201-854-9                                     |  | 88-73-3 | 202-327-6                                  |   | 94-36-0 |
| 1-chloro-2-nitrobenzene                       | C <sub>6</sub> H <sub>4</sub> ClNO <sub>2</sub>                |         | dibenzoyl peroxide                         | C <sub>14</sub> H <sub>10</sub> O <sub>4</sub>                |         |
| 201-855-4                                     |  | 88-74-4 | 202-354-3                                  |   | 94-68-8 |
| 2-nitroaniline                                | C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>    |         | N-ethyl-o-toluidine                        | C <sub>9</sub> H <sub>13</sub> N                              |         |
| 201-857-5                                     |  | 88-75-5 | 202-360-6                                  |   | 94-74-6 |
| 2-nitrophenol                                 | C <sub>6</sub> H <sub>5</sub> NO <sub>3</sub>                  |         | (4-chloro-2-methylphenoxy)acetic acid      | C <sub>9</sub> H <sub>9</sub> ClO <sub>3</sub>                |         |
| 201-861-7                                     |  | 88-85-7 | 202-361-1                                  |   | 94-75-7 |
| dinoseb                                       | C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>  |         | 2,4-D                                      | C <sub>8</sub> H <sub>6</sub> Cl <sub>2</sub> O <sub>3</sub>  |         |
| 201-923-3                                     |  | 89-61-2 | 202-411-2                                  |   | 95-33-0 |
| 1,4-dichloro-2-nitrobenzene                   | C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> NO <sub>2</sub>  |         | N-cyclohexylbenzothiazole-2-sulphenamide   | C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> S <sub>2</sub> |         |
| 201-933-8                                     |  | 89-72-5 | 202-422-2                                  |   | 95-47-6 |
| 2-sec-butylphenol                             | C <sub>10</sub> H <sub>14</sub> O                              |         | o-xylene                                   | C <sub>8</sub> H <sub>10</sub>                                |         |
| 201-944-8                                     |  | 89-83-8 | 202-423-8                                  |   | 95-48-7 |
| thymol  | C <sub>10</sub> H <sub>14</sub> O                              |         | o-cresol                                   | C <sub>7</sub> H <sub>8</sub> O                               |         |
| 201-956-3                                     |  | 89-98-5 | 202-424-3                                  |   | 95-49-8 |
| 2-chlorobenzaldehyde                          | C <sub>7</sub> H <sub>5</sub> ClO                              |         | 2-chlorotoluene                            | C <sub>7</sub> H <sub>7</sub> Cl                              |         |
| 201-961-0                                     |  | 90-02-8 | 202-425-9                                  |   | 95-50-1 |
| salicylaldehyde                               | C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>                   |         | 1,2-dichlorobenzene                        | C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub>                 |         |
| 201-963-1                                     |  | 90-04-0 | 202-426-4                                  |   | 95-51-2 |
| o-anisidine                                   | C <sub>7</sub> H <sub>9</sub> NO                               |         | 2-chloroaniline                            | C <sub>6</sub> H <sub>6</sub> ClN                             |         |
| 201-964-7                                     |  | 90-05-1 | 202-429-0                                  |   | 95-53-4 |
| guaiacol                                      | C <sub>7</sub> H <sub>8</sub> O <sub>2</sub>                   |         | o-toluidine                                | C <sub>7</sub> H <sub>9</sub> N                               |         |
| 201-983-0                                     |  | 90-30-2 | 202-430-6                                  |   | 95-54-5 |
| N-1-naphthylaniline                           | C <sub>16</sub> H <sub>13</sub> N                              |         | o-phenylenediamine                         | C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>                  |         |
| 201-993-5                                     |  | 90-43-7 | 202-431-1                                  |   | 95-55-6 |
| biphenyl-2-ol                                 | C <sub>12</sub> H <sub>10</sub> O                              |         | 2-aminophenol                              | C <sub>6</sub> H <sub>7</sub> NO                              |         |
| 202-000-8                                     |  | 90-51-7 | 202-433-2                                  |   | 95-57-8 |
| 6-amino-4-hydroxynaphthalene-2-sulphonic acid | C <sub>10</sub> H <sub>9</sub> NO <sub>4</sub> S               |         | 2-chlorophenol                             | C <sub>6</sub> H <sub>5</sub> ClO                             |         |
| 202-039-0                                     |  | 91-08-7 | 202-445-8                                  |   | 95-73-8 |
| 2-methyl-m-phenylene diisocyanate             | C <sub>9</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>    |         | 2,4-dichlorotoluene                        | C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub>                 |         |
| 202-044-8                                     |  | 91-15-6 | 202-446-3                                  |   | 95-74-9 |
| phthalonitrile                                | C <sub>8</sub> H <sub>4</sub> N <sub>2</sub>                   |         | 3-chloro-p-toluidine                       | C <sub>7</sub> H <sub>8</sub> ClN                             |         |
| 202-049-5                                     |  | 91-20-3 | 202-448-4                                  |   | 95-76-1 |
| naphthalene, pure                             | C <sub>10</sub> H <sub>8</sub>                                 |         | 3,4-dichloroaniline                        | C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> N               |         |
| 202-051-6                                     |  | 91-22-5 | 202-453-1                                  |   | 95-80-7 |
| quinoline                                     | C <sub>9</sub> H <sub>7</sub> N                                |         | 4-methyl-m-phenylenediamine                | C <sub>7</sub> H <sub>10</sub> N <sub>2</sub>                 |         |
| 202-052-1                                     |  | 91-23-6 | 202-455-2                                  |   | 95-82-9 |
| 2-nitroanisole                                | C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub>                  |         | 2,5-dichloroaniline                        | C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> N               |         |
| 202-088-8                                     |  | 91-66-7 | 202-466-2                                  |   | 95-94-3 |
| N,N-diethylaniline                            | C <sub>10</sub> H <sub>15</sub> N                              |         | 1,2,4,5-tetrachlorobenzene                 | C <sub>6</sub> H <sub>2</sub> Cl <sub>4</sub>                 |         |
| 202-090-9                                     |  | 91-68-9 | 202-477-2                                  |   | 96-10-6 |
| 3-diethylaminophenol                          | C <sub>10</sub> H <sub>15</sub> NO                             |         | diethylaluminium chloride                  | C <sub>4</sub> H <sub>10</sub> AlCl                           |         |
| 202-095-6                                     |  | 91-76-9 | 202-486-1                                  |   | 96-18-4 |
| 6-phenyl-1,3,5-triazine-2,4-diyl diamine      | C <sub>9</sub> H <sub>9</sub> N <sub>5</sub>                   |         | 1,2,3-trichloropropane                     | C <sub>3</sub> H <sub>5</sub> Cl <sub>3</sub>                 |         |
| 202-109-0                                     |  | 91-94-1 | 202-490-3                                  |   | 96-22-0 |
| 3,3'-dichlorobenzidine                        | C <sub>12</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>2</sub> |         | pentan-3-one                               | C <sub>5</sub> H <sub>10</sub> O                              |         |
| 202-163-5                                     |  | 92-52-4 | 202-496-6                                  |   | 96-29-7 |
| biphenyl                                      | C <sub>12</sub> H <sub>10</sub>                                |         | butanone oxime                             | C <sub>4</sub> H <sub>9</sub> NO                              |         |
|   |  |         | 202-498-7                                  |   | 96-31-1 |
|   |  |         | 1,3-dimethylurea                           | C <sub>3</sub> H <sub>8</sub> N <sub>2</sub> O                |         |



| EINECS no | group   | CAS no  | EINECS no | group  | CAS no   |
|-----------|---|---------|-----------|--|----------|
| 202-500-6 | methyl acrylate C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>                                | 96-33-3 | 202-715-5 | cyclohexyldimethylamine C <sub>8</sub> H <sub>17</sub> N   | 98-94-2  |
| 202-501-1 | methyl chloroacetate C <sub>3</sub> H <sub>5</sub> ClO <sub>2</sub>                         | 96-34-4 | 202-716-0 | nitrobenzene C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub>   | 98-95-3  |
| 202-509-5 | γ-butyrolactone C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>                                | 96-48-0 | 202-728-6 | 3-nitrotoluene C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>   | 99-08-1  |
| 202-551-4 | 1-chloro-2,4-dinitrobenzene C <sub>6</sub> H <sub>3</sub> ClN <sub>2</sub> O <sub>4</sub>   | 97-00-7 | 202-764-2 | 1,2-dichloro-4-nitrobenzene C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> NO <sub>2</sub>                        | 99-54-7  |
| 202-576-0 | 2',4'-dimethylacetoacetanilide C <sub>12</sub> H <sub>13</sub> NO <sub>2</sub>              | 97-36-9 | 202-776-8 | 1,3-dinitrobenzene C <sub>6</sub> H <sub>4</sub> N <sub>2</sub> O <sub>4</sub>                                   | 99-65-0  |
| 202-597-5 | ethyl methacrylate C <sub>6</sub> H <sub>10</sub> O <sub>2</sub>                            | 97-63-2 | 202-790-4 | 1-isopropyl-4-methylcyclohexane C <sub>10</sub> H <sub>20</sub>  | 99-82-1  |
| 202-599-6 | itaconic acid C <sub>5</sub> H <sub>6</sub> O <sub>4</sub>                                  | 97-65-4 | 202-797-2 | 4-isopropylaniline C <sub>9</sub> H <sub>13</sub> N  | 99-88-7  |
| 202-613-0 | isobutyl methacrylate C <sub>8</sub> H <sub>14</sub> O <sub>2</sub>                         | 97-86-9 | 202-804-9 | 4-hydroxybenzoic acid C <sub>7</sub> H <sub>6</sub> O <sub>3</sub>   | 99-96-7  |
| 202-615-1 | butyl methacrylate C <sub>8</sub> H <sub>14</sub> O <sub>2</sub>                            | 97-88-1 | 202-808-0 | 4-nitrotoluene C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>   | 99-99-0  |
| 202-626-1 | furfuryl alcohol C <sub>5</sub> H <sub>6</sub> O <sub>2</sub>                               | 98-00-0 | 202-809-6 | 1-chloro-4-nitrobenzene C <sub>6</sub> H <sub>4</sub> ClNO <sub>2</sub>  | 100-00-5 |
| 202-627-7 | 2-furaldehyde C <sub>3</sub> H <sub>4</sub> O <sub>2</sub>                                  | 98-01-1 | 202-810-1 | 4-nitroaniline C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>                                       | 100-01-6 |
| 202-634-5 | α,α,α-trichlorotoluene C <sub>7</sub> H <sub>5</sub> Cl <sub>3</sub>                        | 98-07-7 | 202-811-7 | 4-nitrophenol C <sub>6</sub> H <sub>5</sub> NO <sub>3</sub>  | 100-02-7 |
| 202-635-0 | α,α,α-trifluorotoluene C <sub>7</sub> H <sub>5</sub> F <sub>3</sub>                         | 98-08-8 | 202-825-3 | 4-nitroanisole C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub>   | 100-17-4 |
| 202-636-6 | benzenesulphonyl chloride C <sub>6</sub> H <sub>5</sub> ClO <sub>2</sub> S                  | 98-09-9 | 202-830-0 | terephthalic acid C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>   | 100-21-0 |
| 202-640-8 | trichloro(phenyl)silane C <sub>6</sub> H <sub>5</sub> Cl <sub>3</sub> Si                    | 98-13-5 | 202-837-9 | 4-nitrophenetole C <sub>8</sub> H <sub>9</sub> NO <sub>3</sub>   | 100-29-8 |
| 202-643-4 | α,α,α-trifluoro- <i>m</i> -toluidine C <sub>7</sub> H <sub>6</sub> F <sub>3</sub> N         | 98-16-8 | 202-845-2 | 2-diethylaminoethanol C <sub>6</sub> H <sub>15</sub> NO  | 100-37-8 |
| 202-664-9 | 2-(ethylamino)toluene-4-sulphonic acid C <sub>9</sub> H <sub>13</sub> NO <sub>3</sub> S     | 98-40-8 | 202-849-4 | ethylbenzene C <sub>8</sub> H <sub>10</sub>  | 100-41-4 |
| 202-670-1 | α,α,α-trifluoro-3-nitrotoluene C <sub>7</sub> H <sub>4</sub> F <sub>3</sub> NO <sub>2</sub> | 98-46-4 | 202-851-5 | styrene C <sub>8</sub> H <sub>8</sub>  | 100-42-5 |
| 202-675-9 | 4-tert-butyltoluene C <sub>11</sub> H <sub>16</sub>   | 98-51-1 | 202-853-6 | α-chlorotoluene C <sub>7</sub> H <sub>7</sub> Cl   | 100-44-7 |
| 202-676-4 | 4-tert-butylcyclohexanol C <sub>10</sub> H <sub>20</sub> O                                  | 98-52-2 | 202-855-7 | benzonitrile C <sub>7</sub> H <sub>5</sub> N   | 100-47-0 |
| 202-679-0 | 4-tert-butylphenol C <sub>10</sub> H <sub>14</sub> O  | 98-54-4 | 202-859-9 | benzyl alcohol C <sub>7</sub> H <sub>8</sub> O   | 100-51-6 |
| 202-681-1 | 4-chloro-α,α,α-trifluorotoluene C <sub>7</sub> H <sub>4</sub> ClF <sub>3</sub>              | 98-56-6 | 202-860-4 | benzaldehyde C <sub>7</sub> H <sub>6</sub> O   | 100-52-7 |
| 202-696-3 | 4-tert-butylbenzoic acid C <sub>11</sub> H <sub>14</sub> O <sub>2</sub>                     | 98-73-7 | 202-873-5 | phenylhydrazine C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>   | 100-63-0 |
| 202-704-5 | cumene C <sub>9</sub> H <sub>12</sub>   | 98-82-8 | 202-905-8 | methenamine C <sub>6</sub> H <sub>12</sub> N <sub>4</sub>  | 100-97-0 |
| 202-705-0 | 2-phenylpropene C <sub>9</sub> H <sub>10</sub>  | 98-83-9 | 202-908-4 | triphenyl phosphite C <sub>18</sub> H <sub>15</sub> O <sub>3</sub> P   | 101-02-0 |
| 202-708-7 | acetophenone C <sub>8</sub> H <sub>8</sub> O  | 98-86-2 | 202-910-5 | anilazine C <sub>9</sub> H <sub>5</sub> Cl <sub>3</sub> N <sub>4</sub>   | 101-05-3 |
| 202-709-2 | α,α-dichlorotoluene C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub>                           | 98-87-3 | 202-951-9 | N-(4-aminophenyl)aniline C <sub>12</sub> H <sub>12</sub> N <sub>2</sub>  | 101-54-2 |
| 202-710-8 | benzoyl chloride C <sub>7</sub> H <sub>5</sub> ClO  | 98-88-4 | 202-966-0 | 4,4'-methylenediphenyl diisocyanate C <sub>15</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>                | 101-68-8 |
| 202-713-4 | nicotinamide C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O                                 | 98-92-0 | 202-969-7 | <i>N</i> -isopropyl- <i>N</i> -phenyl- <i>p</i> -phenylenediamine C <sub>15</sub> H <sub>18</sub> N <sub>2</sub> | 101-72-4 |

| EINECS no | group   | CAS no   | EINECS no | group   | CAS no   |
|-----------|---|----------|-----------|---|----------|
| 202-974-4 | 4,4'-methylenedianiline C <sub>13</sub> H <sub>14</sub> N <sub>2</sub>                          | 101-77-9 | 203-294-0 | ethyl chloroacetate C <sub>4</sub> H <sub>7</sub> ClO <sub>2</sub>                            | 105-39-5 |
| 202-980-7 | dicyclohexylamine C <sub>12</sub> H <sub>23</sub> N   | 101-83-7 | 203-299-8 | methyl acetoacetate C <sub>5</sub> H <sub>8</sub> O <sub>3</sub>                              | 105-45-3 |
| 202-981-2 | diphenyl ether C <sub>12</sub> H <sub>10</sub> O  | 101-84-8 | 203-305-9 | diethyl malonate C <sub>7</sub> H <sub>12</sub> O <sub>4</sub>                                | 105-53-3 |
| 202-996-4 | acetoacetanilide C <sub>10</sub> H <sub>11</sub> NO <sub>2</sub>                                | 102-01-2 | 203-313-2 | ε-caprolactam C <sub>6</sub> H <sub>11</sub> NO   | 105-60-2 |
| 203-002-1 | 1,3-diphenylguanidine C <sub>13</sub> H <sub>13</sub> N <sub>3</sub>                            | 102-06-7 | 203-328-4 | dibutyl maleate C <sub>12</sub> H <sub>20</sub> O <sub>4</sub>                                | 105-76-0 |
| 203-005-8 | diphenyl carbonate C <sub>13</sub> H <sub>10</sub> O <sub>3</sub>                               | 102-09-0 | 203-383-4 | butyric anhydride C <sub>8</sub> H <sub>14</sub> O <sub>3</sub>                               | 106-31-0 |
| 203-026-2 | 3,4-dichlorophenyl isocyanate C <sub>7</sub> H <sub>3</sub> Cl <sub>2</sub> NO                  | 102-36-3 | 203-396-5 | p-xylene C <sub>8</sub> H <sub>10</sub>   | 106-42-3 |
| 203-049-8 | 2,2',2''-nitritotriethanol C <sub>6</sub> H <sub>15</sub> NO <sub>3</sub>                       | 102-71-6 | 203-397-0 | 4-chlorotoluene C <sub>7</sub> H <sub>7</sub> Cl  | 106-43-4 |
| 203-051-9 | triacetin C <sub>9</sub> H <sub>14</sub> O <sub>6</sub>   | 102-76-1 | 203-398-6 | p-cresol C <sub>7</sub> H <sub>8</sub> O  | 106-44-5 |
| 203-052-4 | 2-(morpholiniothio)benzothiazole C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> OS <sub>2</sub> | 102-77-2 | 203-400-5 | 1,4-dichlorobenzene C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub>                             | 106-46-7 |
| 203-058-7 | tributylamine C <sub>12</sub> H <sub>27</sub> N   | 102-82-9 | 203-402-6 | 4-chlorophenol C <sub>6</sub> H <sub>5</sub> ClO  | 106-48-9 |
| 203-070-2 | N-phenylglycine C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>                                   | 103-01-5 | 203-403-1 | p-toluidine C <sub>7</sub> H <sub>9</sub> N   | 106-49-0 |
| 203-079-1 | 2-ethylhexyl acetate C <sub>10</sub> H <sub>20</sub> O <sub>2</sub>                             | 103-09-3 | 203-419-9 | dimethyl succinate C <sub>6</sub> H <sub>10</sub> O <sub>4</sub>                              | 106-65-0 |
| 203-080-7 | 2-ethylhexyl acrylate C <sub>11</sub> H <sub>20</sub> O <sub>2</sub>                            | 103-11-7 | 203-430-9 | oxydiethylene bis(chloroformate) C <sub>6</sub> H <sub>8</sub> Cl <sub>2</sub> O <sub>5</sub> | 106-75-2 |
| 203-090-1 | bis(2-ethylhexyl)adipate C <sub>22</sub> H <sub>42</sub> O <sub>4</sub>                         | 103-23-1 | 203-438-2 | 1,2-epoxybutane C <sub>4</sub> H <sub>8</sub> O   | 106-88-7 |
| 203-118-2 | dibenzyl ether C <sub>14</sub> H <sub>14</sub> O  | 103-50-4 | 203-439-8 | 1-chloro-2,3-epoxypropane C <sub>3</sub> H <sub>5</sub> ClO                                   | 106-89-8 |
| 203-135-5 | N-ethylaniline C <sub>8</sub> H <sub>11</sub> N   | 103-69-5 | 203-444-5 | 1,2-dibromoethane C <sub>2</sub> H <sub>4</sub> Br <sub>2</sub>                               | 106-93-4 |
| 203-136-0 | formanilide C <sub>7</sub> H <sub>7</sub> NO  | 103-70-8 | 203-448-7 | butane, pure C <sub>4</sub> H <sub>10</sub>   | 106-97-8 |
| 203-137-6 | phenyl isocyanate C <sub>7</sub> H <sub>5</sub> NO  | 103-71-9 | 203-449-2 | but-1-ene C <sub>4</sub> H <sub>8</sub>   | 106-98-9 |
| 203-150-7 | acetanilide C <sub>8</sub> H <sub>9</sub> NO  | 103-84-4 | 203-450-8 | buta-1,3-diene C <sub>4</sub> H <sub>6</sub>  | 106-99-0 |
| 203-157-5 | paracetamol C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>                                       | 103-90-2 | 203-452-9 | butene, mixed -1- and -2- isomers C <sub>4</sub> H <sub>8</sub>                               | 107-01-7 |
| 203-180-0 | toluene-4-sulphonic acid C <sub>7</sub> H <sub>6</sub> O <sub>3</sub> S                         | 104-15-4 | 203-453-4 | acrylaldehyde C <sub>3</sub> H <sub>4</sub> O   | 107-02-8 |
| 203-212-3 | cinnamyl alcohol C <sub>9</sub> H <sub>10</sub> O   | 104-54-1 | 203-457-6 | 3-chloropropene C <sub>3</sub> H <sub>5</sub> Cl  | 107-05-1 |
| 203-213-9 | cinnamaldehyde C <sub>9</sub> H <sub>8</sub> O  | 104-55-2 | 203-458-1 | 1,2-dichloroethane C <sub>2</sub> H <sub>4</sub> Cl <sub>2</sub>                              | 107-06-2 |
| 203-234-3 | 2-ethylhexan-1-ol C <sub>8</sub> H <sub>18</sub> O  | 104-76-7 | 203-462-3 | propylamine C <sub>3</sub> H <sub>9</sub> N   | 107-10-8 |
| 203-253-7 | 4-methylanisole C <sub>8</sub> H <sub>10</sub> O  | 104-93-8 | 203-464-4 | propionitrile C <sub>3</sub> H <sub>5</sub> N   | 107-12-0 |
| 203-254-2 | p-anisidine C <sub>7</sub> H <sub>9</sub> NO  | 104-94-9 | 203-466-5 | acrylonitrile C <sub>3</sub> H <sub>3</sub> N   | 107-13-1 |
| 203-265-2 | 1,4-diethylbenzene C <sub>10</sub> H <sub>14</sub>  | 105-05-5 | 203-468-6 | ethylenediamine C <sub>2</sub> H <sub>8</sub> N <sub>2</sub>                                  | 107-15-3 |
| 203-293-5 | vinyl propionate C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>                                   | 105-38-4 | 203-470-7 | allyl alcohol C <sub>3</sub> H <sub>6</sub> O   | 107-18-6 |

| EINECS no | group   | CAS no   | EINECS no | group  | CAS no   |
|-----------|---|----------|-----------|--|----------|
| 203-473-3 | ethane-1,2-diol C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>                  | 107-21-1 | 203-614-9 | 2,4,6-trichloro-1,3,5-triazine C <sub>3</sub> Cl <sub>3</sub> N <sub>3</sub> | 108-77-0 |
| 203-474-9 | glyoxal C <sub>2</sub> H <sub>2</sub> O <sub>2</sub>                          | 107-22-2 | 203-615-4 | melamine C <sub>3</sub> H <sub>6</sub> N <sub>6</sub>                        | 108-78-1 |
| 203-475-4 | methyl vinyl ether C <sub>3</sub> H <sub>6</sub> O                            | 107-25-5 | 203-618-0 | cyanuric acid C <sub>3</sub> H <sub>3</sub> N <sub>3</sub> O <sub>3</sub>    | 108-80-5 |
| 203-481-7 | methyl formate C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>                   | 107-31-3 | 203-619-6 | 2,6-dimethylheptan-4-ol C <sub>9</sub> H <sub>20</sub> O                     | 108-82-7 |
| 203-489-0 | 2-methylpentane-2,4-diol C <sub>6</sub> H <sub>14</sub> O <sub>2</sub>        | 107-41-5 | 203-620-1 | 2,6-dimethylheptan-4-one C <sub>9</sub> H <sub>18</sub> O                    | 108-83-8 |
| 203-508-2 | dimethyldioctadecylammonium chloride C <sub>38</sub> H <sub>80</sub> N.Cl     | 107-64-2 | 203-624-3 | methylcyclohexane C <sub>7</sub> H <sub>14</sub>                             | 108-87-2 |
| 203-509-8 | dibutyl hydrogen phosphate C <sub>8</sub> H <sub>19</sub> O <sub>4</sub> P    | 107-66-4 | 203-625-9 | toluene C <sub>7</sub> H <sub>8</sub>  | 108-88-3 |
| 203-527-6 | 3-methyl-2-butenal C <sub>5</sub> H <sub>8</sub> O                            | 107-86-8 | 203-626-4 | 4-methylpyridine C <sub>6</sub> H <sub>7</sub> N                             | 108-89-4 |
| 203-532-3 | butyric acid C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>                     | 107-92-6 | 203-628-5 | chlorobenzene C <sub>6</sub> H <sub>5</sub> Cl                               | 108-90-7 |
| 203-539-1 | 1-methoxypropan-2-ol C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>            | 107-98-2 | 203-629-0 | cyclohexylamine C <sub>6</sub> H <sub>13</sub> N                             | 108-91-8 |
| 203-542-8 | 2-dimethylaminoethanol C <sub>4</sub> H <sub>11</sub> NO                      | 108-01-0 | 203-630-6 | cyclohexanol C <sub>6</sub> H <sub>12</sub> O                                | 108-93-0 |
| 203-545-4 | vinyl acetate C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>                    | 108-05-4 | 203-631-1 | cyclohexanone C <sub>6</sub> H <sub>10</sub> O                               | 108-94-1 |
| 203-550-1 | 4-methylpentan-2-one C <sub>6</sub> H <sub>12</sub> O                         | 108-10-1 | 203-632-7 | phenol, pure C <sub>6</sub> H <sub>6</sub> O                                 | 108-95-2 |
| 203-551-7 | 4-methylpentan-2-ol C <sub>6</sub> H <sub>14</sub> O                          | 108-11-2 | 203-636-9 | 3-methylpyridine C <sub>6</sub> H <sub>7</sub> N                             | 108-99-6 |
| 203-560-6 | diisopropyl ether C <sub>6</sub> H <sub>14</sub> O                            | 108-20-3 | 203-643-7 | 2-methylpyridine C <sub>6</sub> H <sub>7</sub> N                             | 109-06-8 |
| 203-561-1 | isopropyl acetate C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>               | 108-21-4 | 203-678-8 | isobutyl vinyl ether C <sub>6</sub> H <sub>12</sub> O                        | 109-53-5 |
| 203-562-7 | isopropenyl acetate C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>              | 108-22-5 | 203-680-9 | 3-aminopropyldimethylamine C <sub>5</sub> H <sub>14</sub> N <sub>2</sub>     | 109-55-7 |
| 203-564-8 | acetic anhydride C <sub>4</sub> H <sub>6</sub> O <sub>3</sub>                 | 108-24-7 | 203-686-1 | propyl acetate C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>                 | 109-60-4 |
| 203-571-6 | maleic anhydride C <sub>4</sub> H <sub>2</sub> O <sub>3</sub>                 | 108-31-6 | 203-692-4 | pentane C <sub>5</sub> H <sub>12</sub>                                       | 109-66-0 |
| 203-576-3 | m-xylene C <sub>8</sub> H <sub>10</sub>                                       | 108-38-3 | 203-696-6 | 1-chlorobutane C <sub>4</sub> H <sub>9</sub> Cl                              | 109-69-3 |
| 203-577-9 | m-cresol C <sub>7</sub> H <sub>8</sub> O                                      | 108-39-4 | 203-697-1 | 1-bromo-3-chloropropane C <sub>3</sub> H <sub>6</sub> BrCl                   | 109-70-6 |
| 203-581-0 | 3-chloroaniline C <sub>6</sub> H <sub>6</sub> ClN                             | 108-42-9 | 203-699-2 | butylamine C <sub>4</sub> H <sub>11</sub> N                                  | 109-73-9 |
| 203-583-1 | m-toluidine C <sub>7</sub> H <sub>9</sub> N                                   | 108-44-1 | 203-713-7 | 2-methoxyethanol C <sub>3</sub> H <sub>8</sub> O <sub>2</sub>                | 109-86-4 |
| 203-584-7 | m-phenylenediamine C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>               | 108-45-2 | 203-716-3 | diethylamine C <sub>4</sub> H <sub>11</sub> N                                | 109-89-7 |
| 203-585-2 | resorcinol C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>                       | 108-46-3 | 203-718-4 | ethyl vinyl ether C <sub>4</sub> H <sub>8</sub> O                            | 109-92-2 |
| 203-603-9 | 2-methoxy-1-methylethyl acetate C <sub>6</sub> H <sub>12</sub> O <sub>3</sub> | 108-65-6 | 203-726-8 | tetrahydrofuran C <sub>4</sub> H <sub>8</sub> O                              | 109-99-9 |
| 203-604-4 | mesitylene C <sub>9</sub> H <sub>12</sub>                                     | 108-67-8 | 203-728-9 | tetrahydrothiophene C <sub>4</sub> H <sub>8</sub> S                          | 110-01-0 |
| 203-606-5 | 3,5-xyleneol C <sub>8</sub> H <sub>10</sub> O                                 | 108-68-9 | 203-733-6 | di-tert-butyl peroxide C <sub>8</sub> H <sub>18</sub> O <sub>2</sub>         | 110-05-4 |
| 203-608-6 | 1,3,5-trichlorobenzene C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub>          | 108-70-3 | 203-737-8 | 5-methylhexan-2-one C <sub>7</sub> H <sub>14</sub> O                         | 110-12-3 |

| EINECS no | group   | CAS no   | EINECS no | group  | CAS no   |
|-----------|---|----------|-----------|--|----------|
| 203-740-4 | succinic acid C <sub>4</sub> H <sub>6</sub> O <sub>4</sub>                                | 110-15-6 | 203-856-5 | glutaral C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>                              | 111-30-8 |
| 203-742-5 | maleic acid C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>                                  | 110-16-7 | 203-865-4 | 2,2'-iminodi(ethylamine) C <sub>4</sub> H <sub>13</sub> N <sub>3</sub>             | 111-40-0 |
| 203-743-0 | fumaric acid C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>                                 | 110-17-8 | 203-867-5 | 2-(2-aminoethylamino)ethanol C <sub>4</sub> H <sub>12</sub> N <sub>2</sub> O       | 111-41-1 |
| 203-745-1 | isobutyl acetate C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>                            | 110-19-0 | 203-868-0 | 2,2'-iminodiethanol C <sub>4</sub> H <sub>11</sub> NO <sub>2</sub>                 | 111-42-2 |
| 203-747-2 | 1,1-hydrazoformamide C <sub>2</sub> H <sub>6</sub> N <sub>4</sub> O <sub>2</sub>          | 110-21-4 | 203-870-1 | bis(2-chloroethyl)ether C <sub>4</sub> H <sub>8</sub> Cl <sub>2</sub> O            | 111-44-4 |
| 203-751-4 | isopropyl myristate C <sub>17</sub> H <sub>34</sub> O <sub>2</sub>                        | 110-27-0 | 203-872-2 | 2,2'-oxydiethanol C <sub>4</sub> H <sub>10</sub> O <sub>3</sub>                    | 111-46-6 |
| 203-755-6 | N,N'-ethylenedi(stearamide) C <sub>38</sub> H <sub>76</sub> N <sub>2</sub> O <sub>2</sub> | 110-30-5 | 203-874-3 | thiodiglycol C <sub>4</sub> H <sub>10</sub> O <sub>2</sub> S                       | 111-48-8 |
| 203-766-6 | methyl decanoate C <sub>11</sub> H <sub>22</sub> O <sub>2</sub>                           | 110-42-9 | 203-893-7 | oct-1-ene C <sub>8</sub> H <sub>16</sub>   | 111-66-0 |
| 203-768-7 | hexa-2,4-dienoic acid C <sub>6</sub> H <sub>8</sub> O <sub>2</sub>                        | 110-44-1 | 203-896-3 | adiponitrile C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>                          | 111-69-3 |
| 203-772-9 | 2-methoxyethyl acetate C <sub>5</sub> H <sub>10</sub> O <sub>3</sub>                      | 110-49-6 | 203-905-0 | 2-butoxyethanol C <sub>6</sub> H <sub>14</sub> O <sub>2</sub>                      | 111-76-2 |
| 203-777-6 | hexane C <sub>6</sub> H <sub>14</sub>   | 110-54-3 | 203-906-6 | 2-(2-methoxyethoxy)ethanol C <sub>5</sub> H <sub>12</sub> O <sub>3</sub>           | 111-77-3 |
| 203-786-5 | butane-1,4-diol C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>                             | 110-63-4 | 203-907-1 | cycloocta-1,5-diene C <sub>8</sub> H <sub>12</sub>                                 | 111-78-4 |
| 203-787-0 | but-2-ene-1,4-diol C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>                           | 110-64-5 | 203-911-3 | methyl laurate C <sub>13</sub> H <sub>26</sub> O <sub>2</sub>                      | 111-82-0 |
| 203-788-6 | but-2-yne-1,4-diol C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>                           | 110-65-6 | 203-915-5 | 1-chlorooctane C <sub>8</sub> H <sub>17</sub> Cl                                   | 111-85-3 |
| 203-794-9 | 1,2-dimethoxyethane C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>                         | 110-71-4 | 203-917-6 | octan-1-ol C <sub>8</sub> H <sub>18</sub> O  | 111-87-5 |
| 203-802-0 | 2-(ethylthio)ethanol C <sub>4</sub> H <sub>10</sub> OS                                    | 110-77-0 | 203-918-1 | octane-1-thiol C <sub>8</sub> H <sub>18</sub> S                                    | 111-88-6 |
| 203-804-1 | 2-ethoxyethanol C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>                             | 110-80-5 | 203-919-7 | 2-(2-ethoxyethoxy)ethanol C <sub>6</sub> H <sub>14</sub> O <sub>3</sub>            | 111-90-0 |
| 203-806-2 | cyclohexane C <sub>6</sub> H <sub>12</sub>  | 110-82-7 | 203-921-8 | dibutylamine C <sub>8</sub> H <sub>19</sub> N                                      | 111-92-2 |
| 203-808-3 | piperazine C <sub>4</sub> H <sub>10</sub> N <sub>2</sub>                                  | 110-85-0 | 203-924-4 | bis(2-methoxyethyl)ether C <sub>6</sub> H <sub>14</sub> O <sub>3</sub>             | 111-96-6 |
| 203-809-9 | pyridine C <sub>5</sub> H <sub>5</sub> N  | 110-86-1 | 203-933-3 | 2-butoxyethyl acetate C <sub>8</sub> H <sub>16</sub> O <sub>3</sub>                | 112-07-2 |
| 203-812-5 | 1,3,5-trioxane C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>                               | 110-88-3 | 203-943-8 | dodecyldimethylamine C <sub>14</sub> H <sub>31</sub> N                             | 112-18-5 |
| 203-815-1 | morpholine C <sub>4</sub> H <sub>9</sub> NO   | 110-91-8 | 203-950-6 | trientine C <sub>6</sub> H <sub>18</sub> N <sub>4</sub>                            | 112-24-3 |
| 203-817-2 | glutaric acid C <sub>5</sub> H <sub>8</sub> O <sub>4</sub>                                | 110-94-1 | 203-953-2 | 2,2'-(ethylenedioxy)diethanol C <sub>6</sub> H <sub>14</sub> O <sub>4</sub>        | 112-27-6 |
| 203-820-9 | 1,1'-iminodipropan-2-ol C <sub>6</sub> H <sub>15</sub> NO <sub>2</sub>                    | 110-97-4 | 203-956-9 | decan-1-ol C <sub>10</sub> H <sub>22</sub> O                                       | 112-30-1 |
| 203-821-4 | 1,1'-oxydipropan-2-ol C <sub>6</sub> H <sub>14</sub> O <sub>3</sub>                       | 110-98-5 | 203-961-6 | 2-(2-butoxyethoxy)ethanol C <sub>8</sub> H <sub>18</sub> O <sub>3</sub>            | 112-34-5 |
| 203-835-0 | methyl octanoate C <sub>9</sub> H <sub>18</sub> O <sub>2</sub>                            | 111-11-5 | 203-962-1 | 2-(2-(2-methoxyethoxy)ethoxy)ethanol C <sub>7</sub> H <sub>16</sub> O <sub>4</sub> | 112-35-6 |
| 203-838-7 | heptanoic acid C <sub>7</sub> H <sub>14</sub> O <sub>2</sub>                              | 111-14-8 | 203-967-9 | dodecane C <sub>12</sub> H <sub>26</sub>   | 112-40-3 |
| 203-839-2 | 2-ethoxyethyl acetate C <sub>6</sub> H <sub>12</sub> O <sub>3</sub>                       | 111-15-9 | 203-978-9 | 2-(2-(2-ethoxyethoxy)ethoxy)ethanol C <sub>8</sub> H <sub>18</sub> O <sub>4</sub>  | 112-50-5 |
| 203-851-8 | hexylamine C <sub>6</sub> H <sub>15</sub> N   | 111-26-2 | 203-982-0 | dodecan-1-ol C <sub>12</sub> H <sub>26</sub> O                                     | 112-53-8 |

| EINECS no | group  | CAS no   | EINECS no | group  | CAS no   |
|-----------|--|----------|-----------|--|----------|
| 203-984-1 | dodecane-1-thiol C <sub>12</sub> H <sub>26</sub> S   | 112-55-0 | 204-273-9 | hexachlorobenzene C <sub>6</sub> Cl <sub>6</sub>   | 118-74-1 |
| 203-986-2 | 3,6,9-triazaundecamethylenediamine C <sub>8</sub> H <sub>23</sub> N <sub>5</sub>   | 112-57-2 | 204-287-5 | anthranilic acid C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>                               | 118-92-3 |
| 203-998-8 | tridecan-1-ol C <sub>13</sub> H <sub>28</sub> O  | 112-70-9 | 204-289-6 | 2,4,6-trinitrotoluene C <sub>7</sub> H <sub>5</sub> N <sub>3</sub> O <sub>6</sub>            | 118-96-7 |
| 204-000-3 | tetradecanol C <sub>14</sub> H <sub>30</sub> O   | 112-72-1 | 204-317-7 | methyl salicylate C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>                               | 119-36-8 |
| 204-004-5 | stearoyl chloride C <sub>18</sub> H <sub>35</sub> ClO  | 112-76-5 | 204-327-1 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol C <sub>23</sub> H <sub>32</sub> O <sub>2</sub>  | 119-47-1 |
| 204-017-6 | octadecan-1-ol C <sub>18</sub> H <sub>38</sub> O   | 112-92-5 | 204-340-2 | 1,2,3,4-tetrahydronaphthalene C <sub>10</sub> H <sub>12</sub>                                | 119-64-2 |
| 204-038-0 | potassium [2 <i>S</i> -(2 $\alpha$ ,5 $\alpha$ ,6 $\delta$ )]-3,3-dimethyl-7-oxo-6-(phenylacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub> S.K | 113-98-4 | 204-371-1 | anthracene, pure C <sub>14</sub> H <sub>10</sub>   | 120-12-7 |
| 204-043-8 | propoxur C <sub>11</sub> H <sub>15</sub> NO <sub>3</sub>   | 114-26-1 | 204-390-5 | dichlorprop C <sub>5</sub> H <sub>8</sub> Cl <sub>2</sub> O <sub>3</sub>                     | 120-36-5 |
| 204-062-1 | propene, pure C <sub>3</sub> H <sub>6</sub>  | 115-07-1 | 204-411-8 | dimethyl terephthalate C <sub>10</sub> H <sub>10</sub> O <sub>4</sub>                        | 120-61-6 |
| 204-065-8 | dimethyl ether C <sub>2</sub> H <sub>6</sub> O   | 115-10-6 | 204-424-9 | di(benzothiazol-2-yl)disulphide C <sub>14</sub> H <sub>8</sub> N <sub>2</sub> S <sub>4</sub> | 120-78-5 |
| 204-066-3 | 2-methylpropene C <sub>4</sub> H <sub>8</sub>  | 115-11-7 | 204-427-5 | pyrocatechol C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>                                    | 120-80-9 |
| 204-068-4 | 2-methylbut-3-en-2-ol C <sub>5</sub> H <sub>10</sub> O   | 115-18-4 | 204-428-0 | 1,2,4-trichlorobenzene C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub>                         | 120-82-1 |
| 204-070-5 | 2-methylbut-3-yn-2-ol C <sub>5</sub> H <sub>8</sub> O  | 115-19-5 | 204-429-6 | 2,4-dichlorophenol C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub> O                           | 120-83-2 |
| 204-104-9 | pentaerythritol C <sub>5</sub> H <sub>12</sub> O <sub>4</sub>  | 115-77-5 | 204-445-3 | 4-nitrotoluene-2-sulphonic acid C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub> S              | 121-03-9 |
| 204-112-2 | triphenyl phosphate C <sub>18</sub> H <sub>15</sub> O <sub>4</sub> P   | 115-86-6 | 204-450-0 | 2,4-dinitrotoluene C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub>               | 121-14-2 |
| 204-118-5 | tris(2-chloroethyl)phosphate C <sub>6</sub> H <sub>12</sub> Cl <sub>3</sub> O <sub>4</sub> P   | 115-96-8 | 204-469-4 | triethylamine C <sub>6</sub> H <sub>15</sub> N   | 121-44-8 |
| 204-122-7 | 3,3,5-trimethylcyclohexanol C <sub>9</sub> H <sub>18</sub> O   | 116-02-9 | 204-471-5 | trimethyl phosphite C <sub>3</sub> H <sub>9</sub> O <sub>3</sub> P                           | 121-45-9 |
| 204-126-9 | tetrafluoroethylene C <sub>2</sub> F <sub>4</sub>  | 116-14-3 | 204-482-5 | sulphanilic acid C <sub>6</sub> H <sub>7</sub> NO <sub>3</sub> S                             | 121-57-3 |
| 204-127-4 | hexafluoropropene C <sub>3</sub> F <sub>6</sub>  | 116-15-4 | 204-493-5 | N,N-dimethylaniline C <sub>8</sub> H <sub>11</sub> N   | 121-69-7 |
| 204-137-9 | 1,1'-isopropylidenebis( <i>p</i> -phenyleneoxy)dipropan-2-ol C <sub>21</sub> H <sub>28</sub> O <sub>4</sub>  | 116-37-0 | 204-496-1 | 1-chloro-3-nitrobenzene C <sub>6</sub> H <sub>4</sub> ClNO <sub>2</sub>                      | 121-73-3 |
| 204-159-9 | 1-amino-4-bromo-9,10-dioxanthracene-2-sulphonic acid C <sub>14</sub> H <sub>8</sub> BrNO <sub>3</sub> S  | 116-81-4 | 204-501-7 | 2-chloro-4-nitrotoluene C <sub>7</sub> H <sub>6</sub> ClNO <sub>2</sub>                      | 121-86-8 |
| 204-188-7 | 8-aminonaphthalene-1,3,6-trisulphonic acid C <sub>10</sub> H <sub>9</sub> NO <sub>3</sub> S <sub>3</sub>   | 117-42-0 | 204-502-2 | 2-chloro-4-nitroaniline C <sub>6</sub> H <sub>5</sub> ClN <sub>2</sub> O <sub>2</sub>        | 121-87-9 |
| 204-211-0 | bis(2-ethylhexyl)phthalate C <sub>24</sub> H <sub>38</sub> O <sub>4</sub>  | 117-81-7 | 204-506-4 | isophthalic acid C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>                                | 121-91-5 |
| 204-214-7 | dioctyl phthalate C <sub>24</sub> H <sub>38</sub> O <sub>4</sub>   | 117-84-0 | 204-524-2 | fenitrothion C <sub>9</sub> H <sub>12</sub> NO <sub>3</sub> PS                               | 122-14-5 |
| 204-246-1 | 6-aminonaphthalene-1,3-disulphonic acid C <sub>10</sub> H <sub>9</sub> NO <sub>6</sub> S <sub>2</sub>  | 118-33-2 | 204-528-4 | 1,1,1'-nitritotripropan-2-ol C <sub>9</sub> H <sub>21</sub> NO <sub>3</sub>                  | 122-20-3 |
| 204-255-0 | 4 <i>H</i> -3,1-benzoxazine-2,4(1 <i>H</i> )-dione C <sub>8</sub> H <sub>5</sub> NO <sub>3</sub>   | 118-48-9 | 204-539-4 | diphenylamine C <sub>12</sub> H <sub>11</sub> N  | 122-39-4 |
| 204-269-7 | 2,6-dichlorotoluene C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub>  | 118-69-4 | 204-550-4 | triethyl orthoformate C <sub>7</sub> H <sub>16</sub> O <sub>3</sub>                          | 122-51-0 |
|           |  |          | 204-552-5 | triethyl phosphite C <sub>6</sub> H <sub>15</sub> O <sub>3</sub> P                           | 122-52-1 |
|           |  |          | 204-591-8 | dodecylbenzene C <sub>18</sub> H <sub>30</sub>   | 123-01-3 |

| EINECS no | group   | CAS no   | EINECS no | group  | CAS no   |
|-----------|---|----------|-----------|--|----------|
| 204-596-5 | 2-ethylhexanal C <sub>8</sub> H <sub>16</sub> O   | 123-05-7 | 204-823-8 | sodium acetate C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> .Na  | 127-09-3 |
| 204-616-2 | 4-aminophenol C <sub>6</sub> H <sub>7</sub> NO  | 123-30-8 | 204-825-9 | tetrachloroethylene C <sub>2</sub> Cl <sub>4</sub>   | 127-18-4 |
| 204-617-8 | hydroquinone C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>   | 123-31-9 | 204-826-4 | N,N-dimethylacetamide C <sub>4</sub> H <sub>9</sub> NO   | 127-19-5 |
| 204-622-5 | 7-methyl-3-methyleneocta-1,6-diene C <sub>10</sub> H <sub>16</sub>  | 123-35-3 | 204-854-7 | tosylchloramide sodium C <sub>7</sub> H <sub>8</sub> ClNO <sub>2</sub> .Na   | 127-65-1 |
| 204-623-0 | propionaldehyde C <sub>3</sub> H <sub>6</sub> O   | 123-38-6 | 204-857-3 | sodium 3-nitrobenzenesulphonate C <sub>6</sub> H <sub>5</sub> NO <sub>3</sub> .S.Na  | 127-68-4 |
| 204-624-6 | N-methylformamide C <sub>2</sub> H <sub>5</sub> NO  | 123-39-7 | 204-872-5 | pin-2(10)-ene C <sub>10</sub> H <sub>16</sub>  | 127-91-3 |
| 204-626-7 | 4-hydroxy-4-methylpentan-2-one C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>                              | 123-42-2 | 204-875-1 | potassium dimethyldithiocarbamate C <sub>3</sub> H <sub>7</sub> NS <sub>2</sub> .K   | 128-03-0 |
| 204-634-0 | pentane-2,4-dione C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>  | 123-54-6 | 204-876-7 | sodium dimethyldithiocarbamate C <sub>3</sub> H <sub>7</sub> NS <sub>2</sub> .Na   | 128-04-1 |
| 204-638-2 | propionic anhydride C <sub>6</sub> H <sub>10</sub> O <sub>3</sub>   | 123-62-6 | 204-881-4 | 2,6-di- <i>tert</i> -butyl- <i>p</i> -cresol C <sub>15</sub> H <sub>24</sub> O   | 128-37-0 |
| 204-646-6 | butyraldehyde C <sub>4</sub> H <sub>8</sub> O   | 123-72-8 | 204-886-1 | 1,2-benzisothiazol-3(2H)-one 1,1-dioxide, sodium salt C <sub>7</sub> H <sub>5</sub> NO <sub>3</sub> .S.Na                                    | 128-44-9 |
| 204-650-8 | C,C'-azodi(formamide) C <sub>2</sub> H <sub>4</sub> N <sub>4</sub> O <sub>2</sub>                         | 123-77-3 | 205-010-0 | 2-chloroanthraquinone C <sub>14</sub> H <sub>7</sub> ClO <sub>2</sub>  | 131-09-9 |
| 204-658-1 | n-butyl acetate C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>   | 123-86-4 | 205-011-6 | dimethyl phthalate C <sub>10</sub> H <sub>10</sub> O <sub>4</sub>  | 131-11-3 |
| 204-661-8 | 1,4-dioxane C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>  | 123-91-1 | 205-025-2 | sodium pentachlorophenolate C <sub>6</sub> HCl <sub>5</sub> O.Na   | 131-52-2 |
| 204-673-3 | adipic acid C <sub>6</sub> H <sub>10</sub> O <sub>4</sub>   | 124-04-9 | 205-107-8 | pentachlorobenzenethiol C <sub>6</sub> HCl <sub>5</sub> S  | 133-49-3 |
| 204-677-5 | octanoic acid C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>   | 124-07-2 | 205-138-7 | 1-naphthylamine C <sub>10</sub> H <sub>9</sub> N   | 134-32-7 |
| 204-679-6 | hexamethylenediamine C <sub>6</sub> H <sub>16</sub> N <sub>2</sub>  | 124-09-4 | 205-182-7 | 2-naphthol C <sub>10</sub> H <sub>8</sub> O  | 135-19-3 |
| 204-685-9 | 2-(2-butoxyethoxy)ethyl acetate C <sub>10</sub> H <sub>20</sub> O <sub>4</sub>                            | 124-17-4 | 205-286-2 | thiram C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> S <sub>4</sub>  | 137-26-8 |
| 204-686-4 | decane C <sub>10</sub> H <sub>22</sub>  | 124-18-5 | 205-288-3 | ziram C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> S <sub>4</sub> Zn  | 137-30-4 |
| 204-695-3 | octadecylamine C <sub>18</sub> H <sub>39</sub> N  | 124-30-1 | 205-290-4 | sodium propionate C <sub>3</sub> H <sub>6</sub> O <sub>2</sub> .Na   | 137-40-6 |
| 204-697-4 | dimethylamine, in aqueous solution C <sub>2</sub> H <sub>7</sub> N  | 124-40-3 | 205-293-0 | metam-sodium C <sub>2</sub> H <sub>5</sub> NS <sub>2</sub> .Na   | 137-42-8 |
| 204-699-5 | sodium methanolate CH <sub>4</sub> O.Na   | 124-41-4 | 205-341-0 | dipentene, crude C <sub>10</sub> H <sub>16</sub>   | 138-86-3 |
| 204-709-8 | 2-amino-2-methylpropanol C <sub>4</sub> H <sub>11</sub> NO  | 124-68-5 | 205-347-3 | sodium phenoxide C <sub>6</sub> H <sub>5</sub> O.Na  | 139-02-6 |
| 204-727-6 | <i>exo</i> -1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acetate C <sub>12</sub> H <sub>20</sub> O <sub>2</sub> | 125-12-2 | 205-381-9 | trisodium 2-(carboxylatomethyl(2-hydroxyethyl)amino)ethyliminodi(acetate) C <sub>10</sub> H <sub>18</sub> N <sub>2</sub> O <sub>7</sub> .3Na | 139-89-9 |
| 204-781-0 | 2,2-dimethylpropane-1,3-diol C <sub>5</sub> H <sub>12</sub> O <sub>2</sub>                                | 126-30-7 | 205-388-7 | tris(2-hydroxyethyl)ammonium decyl sulphate C <sub>12</sub> H <sub>26</sub> O <sub>4</sub> .S.C <sub>6</sub> H <sub>13</sub> NO <sub>3</sub> | 139-96-8 |
| 204-794-1 | 2,2,2',2'-tetrakis(hydroxymethyl)-3,3'-oxydipropan-1-ol C <sub>10</sub> H <sub>22</sub> O <sub>7</sub>    | 126-58-9 | 205-391-3 | pentasodium (carboxylatomethyl)iminobis(ethylenenitrilo)c tetraacetate C <sub>14</sub> H <sub>23</sub> N <sub>3</sub> O <sub>10</sub> .5Na   | 140-01-2 |
| 204-800-2 | tributyl phosphate C <sub>12</sub> H <sub>27</sub> O <sub>4</sub> P                                       | 126-73-8 | 205-399-7 | benzyl acetate C <sub>9</sub> H <sub>10</sub> O <sub>2</sub>   | 140-11-4 |
| 204-818-0 | 2-chlorobuta-1,3-diene C <sub>4</sub> H <sub>7</sub> Cl   | 126-99-8 | 205-410-5 | phenylacetone nitrile C <sub>8</sub> H <sub>7</sub> N  | 140-29-4 |
| 204-822-2 | potassium acetate C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> .K   | 127-08-2 |           |  |          |

| EINECS no | group  | CAS no   | EINECS no | group   | CAS no   |
|-----------|--|----------|-----------|---|----------|
| 205-411-0 | 2-piperazin-1-ylethylamine C <sub>6</sub> H <sub>13</sub> N <sub>3</sub>                               | 140-31-8 | 206-019-2 | imidazole C <sub>3</sub> H <sub>4</sub> N <sub>2</sub>  | 288-32-4 |
| 205-426-2 | 4-(1,1,3,3-tetramethylbutyl)phenol C <sub>14</sub> H <sub>22</sub> O                                   | 140-66-9 | 206-022-9 | 1,2,4-triazole C <sub>2</sub> H <sub>3</sub> N <sub>3</sub>   | 288-88-0 |
| 205-438-8 | ethyl acrylate C <sub>5</sub> H <sub>8</sub> O <sub>2</sub>  | 140-88-5 | 206-033-9 | cyclododecane C <sub>12</sub> H <sub>24</sub>   | 294-62-2 |
| 205-443-5 | proxan-sodium C <sub>4</sub> H <sub>8</sub> OS <sub>2</sub> .Na  | 140-93-2 | 206-050-1 | parathion-methyl C <sub>8</sub> H <sub>10</sub> NO <sub>3</sub> PS  | 298-00-0 |
| 205-480-7 | butyl acrylate C <sub>7</sub> H <sub>12</sub> O <sub>2</sub>   | 141-32-2 | 206-056-4 | bis(2-ethylhexyl)hydrogen phosphate C <sub>16</sub> H <sub>35</sub> O <sub>4</sub> P  | 298-07-7 |
| 205-483-3 | 2-aminoethanol C <sub>2</sub> H <sub>7</sub> NO  | 141-43-5 | 206-058-5 | glyoxylic acid C <sub>2</sub> H <sub>2</sub> O <sub>3</sub>   | 298-12-4 |
| 205-488-0 | sodium formate CH <sub>2</sub> O <sub>2</sub> .Na  | 141-53-7 | 206-059-0 | potassium hydrogencarbonate CH <sub>2</sub> O <sub>3</sub> .K   | 298-14-6 |
| 205-500-4 | ethyl acetate C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>   | 141-78-6 | 206-114-9 | hydrazine H <sub>4</sub> N <sub>2</sub>   | 302-01-2 |
| 205-502-5 | 4-methylpent-3-en-2-one C <sub>6</sub> H <sub>10</sub> O   | 141-79-7 | 206-354-4 | diuron C <sub>9</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>2</sub> O  | 330-54-1 |
| 205-516-1 | ethyl acetoacetate C <sub>6</sub> H <sub>10</sub> O <sub>3</sub>                                       | 141-97-9 | 206-537-9 | bromochlorodifluoromethane CBrClF <sub>2</sub>  | 353-59-3 |
| 205-547-0 | nabam C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> S <sub>4</sub> .2Na                                 | 142-59-6 | 206-991-8 | silicon carbide CSi   | 409-21-2 |
| 205-554-9 | magnesium di(acetate) C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> .1/2Mg                              | 142-72-3 | 206-992-3 | cyanamide CH <sub>2</sub> N <sub>2</sub>  | 420-04-2 |
| 205-563-8 | heptane C <sub>7</sub> H <sub>16</sub>   | 142-82-5 | 207-312-8 | cyanoguanidine C <sub>2</sub> H <sub>4</sub> N <sub>4</sub>   | 461-58-5 |
| 205-565-9 | dipropylamine C <sub>6</sub> H <sub>15</sub> N   | 142-84-7 | 207-336-9 | ketene C <sub>2</sub> H <sub>2</sub> O  | 463-51-4 |
| 205-570-6 | dodecyl methacrylate C <sub>16</sub> H <sub>30</sub> O <sub>2</sub>                                    | 142-90-5 | 207-439-9 | calcium carbonate CH <sub>2</sub> O <sub>3</sub> .Ca  | 471-34-1 |
| 205-592-6 | 2-(2-(2-butoxyethoxy)ethoxy)ethanol C <sub>10</sub> H <sub>22</sub> O <sub>4</sub>                     | 143-22-6 | 207-586-9 | 2-(1,3-dihydro-3-oxo-2 <i>H</i> -indazol-2-ylidene)-1,2-dihydro-3 <i>H</i> -<br>indol-3-one C <sub>16</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub> | 482-89-3 |
| 205-599-4 | sodium cyanide CNNa  | 143-33-9 | 207-826-2 | 4-methyl-o-phenylenediamine C <sub>7</sub> H <sub>10</sub> N <sub>2</sub>   | 496-72-0 |
| 205-633-8 | sodium hydrogencarbonate CH <sub>2</sub> O <sub>3</sub> .Na  | 144-55-8 | 207-838-8 | sodium carbonate CH <sub>2</sub> O <sub>3</sub> .2Na  | 497-19-8 |
| 205-634-3 | oxalic acid C <sub>2</sub> H <sub>2</sub> O <sub>4</sub>   | 144-62-7 | 207-938-1 | hexan-6-olide C <sub>6</sub> H <sub>10</sub> O <sub>2</sub>   | 502-44-3 |
| 205-685-1 | tetrabenz-5,10,15,20-diazaporphyrinephthalocyanine<br>C <sub>32</sub> H <sub>16</sub> CuN <sub>8</sub> | 147-14-8 | 207-950-7 | 6,10,14-trimethylpentadecan-2-one C <sub>18</sub> H <sub>36</sub> O   | 502-69-2 |
| 205-736-8 | benzothiazole-2-thiol C <sub>7</sub> H <sub>5</sub> NS <sub>2</sub>                                    | 149-30-4 | 208-008-8 | 3,7,11,15-tetramethylhexadec-1-en-3-ol C <sub>20</sub> H <sub>40</sub> O  | 505-32-8 |
| 205-743-6 | 2-ethylhexanoic acid C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>                                     | 149-57-5 | 208-052-8 | cyanogen chloride CCIN  | 506-77-4 |
| 205-745-7 | trimethyl orthoformate C <sub>4</sub> H <sub>10</sub> O <sub>3</sub>                                   | 149-73-5 | 208-058-0 | diammonium carbonate CH <sub>2</sub> O <sub>3</sub> .2H <sub>3</sub> N  | 506-87-6 |
| 205-753-0 | 4-aminobenzoic acid C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>                                      | 150-13-0 | 208-060-1 | guanidinium nitrate CH <sub>3</sub> N <sub>3</sub> .HNO <sub>3</sub>  | 506-93-4 |
| 205-771-9 | 1,4-dimethoxybenzene C <sub>8</sub> H <sub>10</sub> O <sub>2</sub>                                     | 150-78-7 | 208-167-3 | barium carbonate, natural CH <sub>2</sub> O <sub>3</sub> .Ba  | 513-77-9 |
| 205-788-1 | sodium dodecyl sulphate C <sub>12</sub> H <sub>26</sub> O <sub>4</sub> S.Na                            | 151-21-3 | 208-419-2 | 2,4,6-trimethylphenol C <sub>9</sub> H <sub>12</sub> O  | 527-60-6 |
| 205-792-3 | potassium cyanide KCN  | 151-50-8 | 208-534-8 | sodium benzoate C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> .Na  | 532-32-1 |
| 205-793-9 | aziridine C <sub>2</sub> H <sub>3</sub> N  | 151-56-4 | 208-576-7 | dazomet C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> S <sub>2</sub>  | 533-74-4 |
| 205-855-5 | <i>p</i> -phenetidine C <sub>8</sub> H <sub>11</sub> NO  | 156-43-4 |           |   |          |

| EINECS no                                      | group  | CAS no   | EINECS no                                      | group   | CAS no   |
|--|--|----------|--|---|----------|
| 208-580-9                                      |  | 533-96-0 | 209-952-3                                      |   | 598-78-7 |
| trisodium hydrogencarbonate                    | CH <sub>2</sub> O <sub>3</sub> .3/2Na                          |          | 2-chloropropionic acid                         | C <sub>3</sub> H <sub>5</sub> ClO <sub>2</sub>                |          |
| 208-754-4                                      |  | 540-72-7 | 210-036-0                                      |   | 603-35-0 |
| sodium thiocyanate                             | CHNS.Na  |          | triphenylphosphine                             | C <sub>18</sub> H <sub>15</sub> P                             |          |
| 208-778-5                                      |  | 541-41-3 | 210-095-2                                      |   | 605-71-0 |
| ethyl chloroformate                            | C <sub>3</sub> H <sub>5</sub> ClO <sub>2</sub>                 |          | 1,5-dinitronaphthalene                         | C <sub>10</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub>  |          |
| 208-792-1                                      |  | 541-73-1 | 210-248-3                                      |   | 611-06-3 |
| 1,3-dichlorobenzene                            | C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub>                  |          | 1,3-dichloro-4-nitrobenzene                    | C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> NO <sub>2</sub> |          |
| 208-826-5                                      |  | 542-75-6 | 210-359-7                                      |   | 613-90-1 |
| 1,3-dichloropropene                            | C <sub>3</sub> H <sub>4</sub> Cl <sub>2</sub>                  |          | benzoyl cyanide                                | C <sub>8</sub> H <sub>5</sub> NO                              |          |
| 208-835-4                                      |  | 542-92-7 | 210-483-1                                      |   | 616-45-5 |
| cyclopentadiene                                | C <sub>5</sub> H <sub>6</sub>                                  |          | 2-pyrrolidone                                  | C <sub>4</sub> H <sub>7</sub> NO                              |          |
| 208-863-7                                      |  | 544-17-2 | 210-557-3                                      |   | 618-62-2 |
| calcium diformate                              | CH <sub>2</sub> O <sub>2</sub> .1/2Ca                          |          | 3,5-dichloronitrobenzene                       | C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> NO <sub>2</sub> |          |
| 208-875-2                                      |  | 544-63-8 | 210-620-5                                      |   | 619-93-2 |
| myristic acid, pure                            | C <sub>14</sub> H <sub>28</sub> O <sub>2</sub>                 |          | <i>cis</i> -4,4'-dinitrostilbene               | C <sub>14</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> |          |
| 208-915-9                                      |  | 546-93-0 | 210-708-3                                      |   | 621-82-9 |
| magnesium carbonate                            | CH <sub>2</sub> O <sub>3</sub> .Mg                             |          | cinnamic acid                                  | C <sub>9</sub> H <sub>8</sub> O <sub>2</sub>                  |          |
| 208-993-4                                      |  | 551-16-6 | 210-848-5                                      |   | 624-48-6 |
| 6-aminopenicillanic acid                       | C <sub>8</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub> S |          | dimethyl maleate                               | C <sub>6</sub> H <sub>8</sub> O <sub>4</sub>                  |          |
| 209-008-0                                      |  | 552-30-7 | 210-855-3                                      |   | 624-64-6 |
| benzene-1,2,4-tricarboxylic acid 1,2-anhydride | C <sub>9</sub> H <sub>4</sub> O <sub>5</sub>                   |          | (E)-but-2-ene                                  | C <sub>4</sub> H <sub>8</sub>                                 |          |
| 209-062-5                                      |  | 554-13-2 | 210-866-3                                      |   | 624-83-9 |
| lithium carbonate                              | CH <sub>2</sub> O <sub>3</sub> .2Li                            |          | methyl isocyanate                              | C <sub>2</sub> H <sub>3</sub> NO                              |          |
| 209-136-7                                      |  | 556-67-2 | 210-871-0                                      |   | 624-92-0 |
| octamethylcyclotetrasiloxane                   | C <sub>8</sub> H <sub>24</sub> O <sub>4</sub> Si <sub>4</sub>  |          | dimethyl disulphide                            | C <sub>2</sub> H <sub>6</sub> S <sub>2</sub>                  |          |
| 209-141-4                                      |  | 556-82-1 | 211-020-6                                      |   | 627-93-0 |
| 3-methylbut-2-en-1-ol                          | C <sub>5</sub> H <sub>10</sub> O                               |          | dimethyl adipate                               | C <sub>8</sub> H <sub>14</sub> O <sub>4</sub>                 |          |
| 209-151-9                                      |  | 557-05-1 | 211-074-0                                      |   | 629-11-8 |
| zinc distearate, pure                          | C <sub>18</sub> H <sub>36</sub> O <sub>2</sub> .1/2Zn          |          | hexane-1,6-diol                                | C <sub>6</sub> H <sub>14</sub> O <sub>2</sub>                 |          |
| 209-251-2                                      |  | 563-47-3 | 211-093-4                                      |   | 629-50-5 |
| 3-chloro-2-methylpropene                       | C <sub>4</sub> H <sub>7</sub> Cl                               |          | tridecane                                      | C <sub>13</sub> H <sub>28</sub>                               |          |
| 209-400-1                                      |  | 576-26-1 | 211-096-0                                      |   | 629-59-4 |
| 2,6-xylenol                                    | C <sub>8</sub> H <sub>10</sub> O                               |          | tetradecane                                    | C <sub>14</sub> H <sub>30</sub>                               |          |
| 209-514-1                                      |  | 583-61-9 | 211-128-3                                      |   | 630-08-0 |
| 2,3-dimethylpyridine                           | C <sub>7</sub> H <sub>9</sub> N                                |          | carbon monoxide                                | CO  |          |
| 209-527-2                                      |  | 584-03-2 | 211-448-3                                      |   | 645-62-5 |
| butane-1,2-diol                                | C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>                  |          | 2-ethylhex-2-enal                              | C <sub>8</sub> H <sub>14</sub> O                              |          |
| 209-529-3                                      |  | 584-08-7 | 211-617-1                                      |   | 674-82-8 |
| potassium carbonate                            | CH <sub>2</sub> O <sub>3</sub> .2K                             |          | but-3-en-3-olide                               | C <sub>4</sub> H <sub>4</sub> O <sub>2</sub>                  |          |
| 209-544-5                                      |  | 584-84-9 | 211-661-1                                      |   | 682-09-7 |
| 4-methyl- <i>m</i> -phenylene diisocyanate     | C <sub>9</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>    |          | 2,2-bis(allyloxymethyl)butan-1-ol              | C <sub>12</sub> H <sub>22</sub> O <sub>3</sub>                |          |
| 209-691-5                                      |  | 590-86-3 | 211-694-1                                      |   | 687-47-8 |
| isovaleraldehyde                               | C <sub>5</sub> H <sub>10</sub> O                               |          | ethyl ( <i>S</i> )-2-hydroxypropionate         | C <sub>5</sub> H <sub>10</sub> O <sub>3</sub>                 |          |
| 209-751-0                                      |  | 592-35-8 | 211-746-3                                      |   | 693-23-2 |
| butyl carbamate                                | C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub>                 |          | dodecanedioic acid                             | C <sub>12</sub> H <sub>22</sub> O <sub>4</sub>                |          |
| 209-753-1                                      |  | 592-41-6 | 211-838-3                                      |   | 700-13-0 |
| hex-1-ene                                      | C <sub>6</sub> H <sub>12</sub>                                 |          | 2,3,5-trimethylhydroquinone                    | C <sub>9</sub> H <sub>12</sub> O <sub>2</sub>                 |          |
| 209-803-2                                      |  | 593-70-4 | 211-914-6                                      |   | 709-98-8 |
| chlorofluoromethane                            | CH <sub>2</sub> ClF  |          | propanil                                       | C <sub>9</sub> H <sub>9</sub> Cl <sub>2</sub> NO              |          |
| 209-810-0                                      |  | 593-81-7 | 212-058-6                                      |   | 757-86-8 |
| trimethylammonium chloride                     | C <sub>3</sub> H <sub>9</sub> N.ClH                            |          | methyl [(dimethoxyphosphinothioyl)thio]acetate | C <sub>5</sub> H <sub>11</sub> O <sub>4</sub> PS <sub>2</sub> |          |
| 209-840-4                                      |  | 594-42-3 | 212-079-0                                      |   | 760-23-6 |
| trichloromethanesulphenyl chloride             | CCl <sub>3</sub> S   |          | 3,4-dichlorobut-1-ene                          | C <sub>4</sub> H <sub>6</sub> Cl <sub>2</sub>                 |          |
| 209-940-8                                      |  | 598-56-1 | 212-081-1                                      |   | 760-67-8 |
| ethyl dimethylamine                            | C <sub>4</sub> H <sub>11</sub> N                               |          | 2-ethylhexanoyl chloride                       | C <sub>8</sub> H <sub>15</sub> ClO                            |          |
|  |  |          | 212-091-6                                      |   | 762-04-9 |
|  |  |          | diethyl phosphonate                            | C <sub>4</sub> H <sub>11</sub> O <sub>3</sub> P               |          |



| EINECS no | group  | CAS no    | EINECS no | group  | CAS no    |
|-----------|--|-----------|-----------|--|-----------|
| 212-110-8 | 3-methylbut-3-en-1-ol C <sub>5</sub> H <sub>10</sub> O   | 763-32-6  | 213-912-0 | chlorodimethylsilane C <sub>2</sub> H <sub>7</sub> ClSi  | 1066-35-9 |
| 212-121-8 | 1,4-dichlorobut-2-ene C <sub>4</sub> H <sub>6</sub> Cl <sub>2</sub>  | 764-41-0  | 213-997-4 | glyphosate C <sub>3</sub> H <sub>8</sub> NO <sub>3</sub> P   | 1071-83-6 |
| 212-344-0 | <i>N</i> -1,3-dimethylbutyl- <i>N</i> '-phenyl- <i>p</i> -phenylenediamine C <sub>18</sub> H <sub>24</sub> N <sub>2</sub>                                      | 793-24-8  | 214-005-2 | lead distearate, pure C <sub>18</sub> H <sub>36</sub> O <sub>2</sub> ·1/2Pb                                  | 1072-35-1 |
| 212-369-7 | 4,4'-(methylenebis(methylimino))bis[1,2-dihydro-1,5-dimethyl-2-phenyl-3 <i>H</i> -pyrazol-3-one] C <sub>25</sub> H <sub>30</sub> N <sub>6</sub> O <sub>2</sub> | 810-16-2  | 214-222-2 | 3-hydroxy-2,2-dimethylpropyl 3-hydroxy-2,2-dimethylpropionate C <sub>10</sub> H <sub>20</sub> O <sub>4</sub> | 1115-20-4 |
| 212-546-9 | (hydroxyimino)phenylacetonitrile C <sub>8</sub> H <sub>6</sub> N <sub>2</sub> O  | 825-52-5  | 214-277-2 | dimethyl glutarate C <sub>7</sub> H <sub>12</sub> O <sub>4</sub>   | 1119-40-0 |
| 212-595-6 | cyclododecanone C <sub>12</sub> H <sub>22</sub> O  | 830-13-7  | 214-419-3 | sodium 3-aminobenzenesulphonate C <sub>6</sub> H <sub>7</sub> NO <sub>3</sub> S.Na                           | 1126-34-7 |
| 212-646-2 | 4-nitro- <i>N</i> -phenylaniline C <sub>12</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>   | 836-30-6  | 214-566-3 | 2-(4-ethylbenzoyl)benzoic acid C <sub>16</sub> H <sub>14</sub> O <sub>3</sub>                                | 1151-14-0 |
| 212-658-8 | 4,4'-methylene- <i>o</i> -toluidine C <sub>15</sub> H <sub>18</sub> N <sub>2</sub>   | 838-88-0  | 214-604-9 | bis(pentabromophenyl)ether C <sub>12</sub> Br <sub>10</sub> O  | 1163-19-5 |
| 212-660-9 | tris(2-hydroxyethyl)-1,3,5-triazinetriene C <sub>9</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>   | 839-90-7  | 214-987-2 | 2-ethylhexyl diphenyl phosphate C <sub>20</sub> H <sub>27</sub> O <sub>4</sub> P                             | 1241-94-7 |
| 212-672-4 | dipotassium 7-hydroxynaphthalene-1,3-disulphonate C <sub>10</sub> H <sub>8</sub> O <sub>7</sub> S <sub>2</sub> ·2K   | 842-18-2  | 215-077-8 | dichloroethane C <sub>2</sub> H <sub>4</sub> Cl <sub>2</sub>   | 1300-21-6 |
| 212-762-3 | sodium ( <i>S</i> )-lactate C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> .Na   | 867-56-1  | 215-089-3 | xyleneol, pure C <sub>8</sub> H <sub>10</sub> O  | 1300-71-6 |
| 212-782-2 | 2-hydroxyethyl methacrylate C <sub>6</sub> H <sub>10</sub> O <sub>3</sub>  | 868-77-9  | 215-100-1 | aluminium sodium dioxide AlO <sub>2</sub> .Na  | 1302-42-7 |
| 212-783-8 | dimethyl phosphonate C <sub>2</sub> H <sub>7</sub> O <sub>3</sub> P  | 868-85-9  | 215-116-9 | diarsenic pentaoxide As <sub>2</sub> O <sub>5</sub>  | 1303-28-2 |
| 212-800-9 | sodium hydroxymethanesulphonate CH <sub>4</sub> O <sub>4</sub> S.Na  | 870-72-4  | 215-125-8 | diboron trioxide B <sub>2</sub> O <sub>3</sub>   | 1303-86-2 |
| 212-828-1 | 1-methyl-2-pyrrolidone C <sub>5</sub> H <sub>9</sub> NO  | 872-50-4  | 215-137-3 | calcium dihydroxide CaH <sub>2</sub> O <sub>2</sub>  | 1305-62-0 |
| 212-958-9 | 4,4'-azo-3-hydroxynaphthalene-1-sulphonate C <sub>10</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub> S  | 887-76-3  | 215-138-9 | calcium oxide CaO  | 1305-78-8 |
| 213-030-6 | sodium cyanate CHNO.Na   | 917-61-3  | 215-146-2 | cadmium oxide CdO  | 1306-19-0 |
| 213-086-1 | <i>N</i> -(hydroxymethyl)methacrylamide C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub>  | 923-02-4  | 215-154-6 | cobalt oxide CoO   | 1307-96-6 |
| 213-090-3 | 2-hydroxypropyl methacrylate C <sub>7</sub> H <sub>12</sub> O <sub>3</sub>   | 923-26-2  | 215-156-7 | dicobalt trioxide Co <sub>2</sub> O <sub>3</sub>   | 1308-04-9 |
| 213-179-7 | 6-methylheptan-2-one C <sub>8</sub> H <sub>16</sub> O  | 928-68-7  | 215-157-2 | tricobalt tetraoxide Co <sub>3</sub> O <sub>4</sub>  | 1308-06-1 |
| 213-309-2 | 2,3,6-trimethyl- <i>p</i> -benzoquinone C <sub>9</sub> H <sub>10</sub> O <sub>2</sub>  | 935-92-2  | 215-160-9 | dichromium trioxide Cr <sub>2</sub> O <sub>3</sub>   | 1308-38-9 |
| 213-424-8 | dodecane-12-lactam C <sub>12</sub> H <sub>23</sub> NO  | 947-04-6  | 215-167-7 | Pyrite (FeS <sub>2</sub> ) FeS <sub>2</sub>  | 1309-36-0 |
| 213-497-6 | bis(hydroxyethyl)terephthalate C <sub>12</sub> H <sub>14</sub> O <sub>6</sub>  | 959-26-2  | 215-168-2 | diiron trioxide Fe <sub>2</sub> O <sub>3</sub>   | 1309-37-1 |
| 213-554-5 | canrenone C <sub>22</sub> H <sub>28</sub> O <sub>3</sub>   | 976-71-6  | 215-169-8 | magnetite Fe <sub>3</sub> O <sub>4</sub>   | 1309-38-2 |
| 213-666-4 | chlormequat chloride C <sub>5</sub> H <sub>13</sub> ClN.Cl   | 999-81-5  | 215-171-9 | magnesium oxide MgO  | 1309-48-4 |
| 213-668-5 | 1,1,1,3,3,3-hexamethyldisilazane C <sub>6</sub> H <sub>19</sub> NSi <sub>2</sub>   | 999-97-3  | 215-174-5 | lead dioxide O <sub>2</sub> Pb   | 1309-60-0 |
| 213-911-5 | ammonium hydrogencarbonate CH <sub>2</sub> O <sub>3</sub> .H <sub>3</sub> N  | 1066-33-7 | 215-175-0 | diantimony trioxide O <sub>3</sub> Sb <sub>2</sub>   | 1309-64-4 |
|           |  |           | 215-181-3 | potassium hydroxide HKO  | 1310-58-3 |
|           |  |           | 215-185-5 | sodium hydroxide HNaO  | 1310-73-2 |

| EINECS no  | group   | CAS no    | EINECS no   | group  | CAS no    |
|--|---|-----------|---|--|-----------|
| 215-199-1  |   | 1312-76-1 | 215-524-7   |  | 1328-53-6 |
| Silicic acid, potassium salt   |   |           | C.I. Pigment Green 7  |  |           |
| 215-202-6  |   | 1313-13-9 | This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 74260. |  |           |
| manganese dioxide, ore of Chapter 26   | MnO <sub>2</sub>                              |           | 215-535-7   |  | 1330-20-7 |
| 215-204-7  |   | 1313-27-5 | xylene, mixed isomers, pure   | C <sub>8</sub> H <sub>10</sub>                                 |           |
| molybdenum trioxide  | MoO <sub>3</sub>                              |           | 215-540-4   |  | 1330-43-4 |
| 215-208-9  |   | 1313-59-3 | disodium tetraborate, anhydrous   | B <sub>4</sub> Na <sub>2</sub> O <sub>7</sub>                  |           |
| disodium oxide   | Na <sub>2</sub> O                             |           | 215-548-8   |  | 1330-78-5 |
| 215-211-5  |   | 1313-82-2 | tris(methylphenyl)phosphate   | C <sub>21</sub> H <sub>21</sub> O <sub>4</sub> P               |           |
| disodium sulphide  | Na <sub>2</sub> S                             |           | 215-565-0   |  | 1331-92-6 |
| 215-222-5  |   | 1314-13-2 | cinnamaldehyde, monopentyl derivative   | C <sub>14</sub> H <sub>18</sub> O                              |           |
| zinc oxide   | OZn   |           | 215-570-8   |  | 1332-37-2 |
| 215-235-6  |   | 1314-41-6 | Iron oxide  |  |           |
| orange lead  | O <sub>4</sub> Pb <sub>3</sub>                |           | 215-587-0   |  | 1333-39-7 |
| 215-236-1  |   | 1314-56-3 | hydroxybenzenesulphonic acid  | C <sub>6</sub> H <sub>6</sub> O <sub>4</sub> S                 |           |
| diphosphorus pentaoxide  | O <sub>5</sub> P <sub>2</sub>                 |           | 215-605-7   |  | 1333-74-0 |
| 215-242-4  |   | 1314-80-3 | hydrogen  | H <sub>2</sub>   |           |
| diphosphorus pentasulphide   | P <sub>2</sub> S <sub>5</sub>                 |           | 215-607-8   |  | 1333-82-0 |
| 215-263-9  |   | 1317-33-5 | chromium trioxide   | CrO <sub>3</sub>   |           |
| molybdenum disulphide  | MoS <sub>2</sub>                              |           | 215-609-9   |  | 1333-86-4 |
| 215-266-5  |   | 1317-35-7 | Carbon black  |  |           |
| trimanganese tetraoxide  | Mn <sub>3</sub> O <sub>4</sub>                |           | 215-647-6   |  | 1336-21-6 |
| 215-267-0  |   | 1317-36-8 | ammonia, aqueous solution   | H <sub>3</sub> NO  |           |
| lead monoxide  | OPb   |           | 215-657-0   |  | 1338-02-9 |
| 215-269-1  |   | 1317-38-0 | Naphthenic acids, copper salts  |  |           |
| copper oxide   | CuO   |           | 215-676-4   |  | 1341-49-7 |
| 215-270-7  |   | 1317-39-1 | ammonium hydrogendifluoride   | F <sub>2</sub> H <sub>3</sub> N                                |           |
| dicopper oxide   | Cu <sub>2</sub> O                             |           | 215-681-1   |  | 1343-88-0 |
| 215-277-5  |   | 1317-61-9 | Silicic acid, magnesium salt  |  |           |
| triiron tetraoxide   | Fe <sub>3</sub> O <sub>4</sub>                |           | 215-683-2   |  | 1343-98-2 |
| 215-280-1  |   | 1317-70-0 | Silicic acid  |  |           |
| Anatase (TiO <sub>2</sub> )  | O <sub>2</sub> Ti                             |           | 215-684-8   |  | 1344-00-9 |
| 215-282-2  |   | 1317-80-2 | Silicic acid, aluminum sodium salt  |  |           |
| Rutile (TiO <sub>2</sub> )   | O <sub>2</sub> Ti                             |           | 215-687-4   |  | 1344-09-8 |
| 215-283-8  |   | 1318-02-1 | Silicic acid, sodium salt   |  |           |
| Zeolites   |   |           | 215-691-6   |  | 1344-28-1 |
| Crystalline aluminosilicates, composed of silica (SiO <sub>2</sub> ) and alumina (Al <sub>2</sub> O <sub>3</sub> ), in various proportions plus metallic oxides. Produced by hydrothermal treatment of a solid aluminosilicate or of a gel obtained by the reaction of sodium hydroxide, alumina hydrate and sodium silicate. The initially obtained product, or a naturally occurring analog, may be partially ion-exchanged to introduce other cations. Specific zeolites are identified by notations indicating crystal structure and predominant cation, e.g., KA, CaX, NaY. |   |           | 215-693-7   |  | 1344-37-2 |
| 215-293-2  |   | 1319-77-3 | C.I. Pigment Yellow 34  |  |           |
| cresol, pure   | C <sub>7</sub> H <sub>8</sub> O               |           | This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77603. |  |           |
| 215-306-1  |   | 1320-67-8 | 215-695-8   |  | 1344-43-0 |
| methoxypropanol  | C <sub>4</sub> H <sub>10</sub> O <sub>2</sub> |           | manganese oxide   | MnO  |           |
| 215-325-5  |   | 1321-74-0 | 215-710-8   |  | 1344-95-2 |
| divinylbenzene, pure   | C <sub>10</sub> H <sub>10</sub>               |           | Silicic acid, calcium salt  |  |           |
| 215-475-1  |   | 1327-36-2 | 215-960-8   |  | 1461-25-2 |
| Aluminatesilicate  |   |           | tetrabutyltin   | C <sub>16</sub> H <sub>36</sub> Sn                             |           |
| 215-477-2  |   | 1327-41-9 | 216-074-4   |  | 1490-04-6 |
| Aluminum chloride, basic   |   |           | DL-menthol  | C <sub>10</sub> H <sub>20</sub> O                              |           |
| 215-481-4  |   | 1327-53-3 | 216-099-0   |  | 1498-51-7 |
| diarsenic trioxide   | As <sub>2</sub> O <sub>3</sub>                |           | ethyl dichlorophosphate   | C <sub>2</sub> H <sub>5</sub> Cl <sub>2</sub> O <sub>2</sub> P |           |
|  |   |           | 216-207-6   |  | 1528-48-9 |
|  |   |           | triheptyl benzene-1,2,4-tricarboxylate  | C <sub>30</sub> H <sub>48</sub> O <sub>6</sub>                 |           |
|  |   |           | 216-341-5   |  | 1561-92-8 |
|  |   |           | sodium 2-methylprop-2-ene-1-sulphonate  | C <sub>4</sub> H <sub>8</sub> O <sub>3</sub> S.Na              |           |
|  |   |           | 216-353-0   |  | 1563-66-2 |
|  |   |           | carbofuran  | C <sub>12</sub> H <sub>15</sub> NO <sub>3</sub>                |           |

| EINECS no | group   | CAS no    | EINECS no | group   | CAS no    |
|-----------|---|-----------|-----------|---|-----------|
| 216-381-3 | 4-chloro- <i>o</i> -cresol C <sub>7</sub> H <sub>7</sub> ClO  | 1570-64-5 | 219-460-0 | 2-(dimethylamino)ethyl acrylate C <sub>7</sub> H <sub>13</sub> NO <sub>2</sub>  | 2439-35-2 |
| 216-643-7 | strontium carbonate CH <sub>2</sub> O <sub>3</sub> .Sr  | 1633-05-2 | 219-463-7 | <i>N</i> -methyloctadecylamine C <sub>19</sub> H <sub>41</sub> N  | 2439-55-6 |
| 216-653-1 | <i>tert</i> -butyl methyl ether C <sub>5</sub> H <sub>12</sub> O  | 1634-04-4 | 219-488-3 | disodium 4,4'-isopropylidenediphenolate C <sub>15</sub> H <sub>16</sub> O <sub>2</sub> .2Na                               | 2444-90-8 |
| 216-732-0 | disodium naphthalene-1,5-disulphonate C <sub>10</sub> H <sub>8</sub> O <sub>6</sub> S <sub>2</sub> .2Na                       | 1655-29-4 | 219-660-8 | sodium benzothiazol-2-yl sulphide C <sub>7</sub> H <sub>5</sub> NS <sub>2</sub> .Na                                       | 2492-26-4 |
| 216-734-1 | disodium naphthalene-1,6-disulphonate C <sub>10</sub> H <sub>8</sub> O <sub>6</sub> S <sub>2</sub> .2Na                       | 1655-43-2 | 219-669-7 | 2-[( <i>p</i> -aminophenyl)sulphonyl]ethyl hydrogensulphate C <sub>8</sub> H <sub>11</sub> NO <sub>6</sub> S <sub>2</sub> | 2494-89-5 |
| 216-768-7 | <i>tert</i> -butyl acrylate C <sub>7</sub> H <sub>12</sub> O <sub>2</sub>   | 1663-39-4 | 219-754-9 | O, <i>O</i> -dimethyl phosphorochloridothioate C <sub>2</sub> H <sub>6</sub> ClO <sub>2</sub> PS                          | 2524-03-0 |
| 216-917-6 | 4,5-dichloro-2,3-dihydro-2-phenylpyridazin-3-one C <sub>10</sub> H <sub>6</sub> Cl <sub>2</sub> N <sub>2</sub> O              | 1698-53-9 | 219-755-4 | O, <i>O</i> -diethyl phosphorochloridothioate C <sub>4</sub> H <sub>10</sub> ClO <sub>2</sub> PS                          | 2524-04-1 |
| 216-920-2 | chloridazon C <sub>10</sub> H <sub>8</sub> ClN <sub>3</sub> O   | 1698-60-8 | 219-799-4 | 2,2'-methylenebisphenyl diisocyanate C <sub>15</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>                        | 2536-05-2 |
| 217-031-2 | cyclododecanol C <sub>12</sub> H <sub>24</sub> O  | 1724-39-6 | 219-835-9 | tetradecyl methacrylate C <sub>18</sub> H <sub>34</sub> O <sub>2</sub>  | 2549-53-3 |
| 217-090-4 | 3-dimethylaminopropionitrile C <sub>5</sub> H <sub>10</sub> N <sub>2</sub>  | 1738-25-6 | 219-854-2 | sulphur hexafluoride F <sub>6</sub> S   | 2551-62-4 |
| 217-175-6 | ammonium thiocyanate CHNS.H <sub>3</sub> N  | 1762-95-4 | 219-952-5 | 4-nitro- <i>m</i> -cresol C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub>   | 2581-34-2 |
| 217-326-6 | <i>p</i> -nitrocumene C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>  | 1817-47-6 | 219-956-7 | aminoguanidinium hydrogen carbonate CH <sub>6</sub> N <sub>4</sub> .CH <sub>2</sub> O <sub>3</sub>                        | 2582-30-1 |
| 217-406-0 | nitrofen C <sub>12</sub> H <sub>7</sub> Cl <sub>2</sub> NO <sub>3</sub>   | 1836-75-5 | 220-120-9 | 1,2-benzisothiazol-3(2 <i>H</i> )-one C <sub>7</sub> H <sub>5</sub> NOS   | 2634-33-5 |
| 217-451-6 | 4,5-dihydroxy-1,3-bis(hydroxymethyl)imidazolidin-2-one C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>5</sub>           | 1854-26-8 | 220-329-5 | potassium O-pentyl dithiocarbonate C <sub>6</sub> H <sub>12</sub> OS <sub>2</sub> .K                                      | 2720-73-2 |
| 217-565-6 | <i>N</i> -acetylhexanelactam C <sub>8</sub> H <sub>13</sub> NO <sub>2</sub>   | 1888-91-1 | 220-433-0 | 6,7-dihydrodipyrido[1,2- <i>a</i> :2',1'- <i>c</i> ]pyrazinediylum C <sub>12</sub> H <sub>12</sub> N <sub>2</sub>         | 2764-72-9 |
| 217-615-7 | paraquat-dichloride C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> .2Cl   | 1910-42-5 | 220-548-6 | 2-(propyloxy)ethanol C <sub>3</sub> H <sub>12</sub> O <sub>2</sub>  | 2807-30-9 |
| 218-577-4 | <i>p</i> -(dimethoxymethyl)anisole C <sub>10</sub> H <sub>14</sub> O <sub>3</sub>   | 2186-92-7 | 220-608-1 | DL- $\alpha$ -phenylglycine C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>   | 2835-06-5 |
| 218-717-4 | sodium [1,1'-biphenyl]-4-sulphonate C <sub>12</sub> H <sub>10</sub> O <sub>3</sub> .S.Na                                      | 2217-82-5 | 220-666-8 | 3-aminomethyl-3,5,5-trimethylcyclohexylamine C <sub>10</sub> H <sub>22</sub> N <sub>2</sub>                               | 2855-13-2 |
| 218-791-8 | pentasodium hydrogen C,C',C''-nitrotris(methylphosphonate) C <sub>3</sub> H <sub>12</sub> NO <sub>9</sub> P <sub>3</sub> .5Na | 2235-43-0 | 220-688-8 | 2-dimethylaminoethyl methacrylate C <sub>8</sub> H <sub>15</sub> NO <sub>2</sub>  | 2867-47-2 |
| 218-817-8 | 1,5-naphthylenediamine C <sub>10</sub> H <sub>10</sub> N <sub>2</sub>   | 2243-62-1 | 220-694-0 | tridecylamine C <sub>13</sub> H <sub>29</sub> N   | 2869-34-3 |
| 218-962-7 | tri-allate C <sub>10</sub> H <sub>16</sub> Cl <sub>3</sub> NOS  | 2303-17-5 | 220-767-7 | troclosene sodium C <sub>3</sub> HCl <sub>2</sub> N <sub>3</sub> O <sub>3</sub> .Na                                       | 2893-78-9 |
| 218-986-8 | ammonium 2,4-dichlorophenoxyacetate C <sub>8</sub> H <sub>6</sub> Cl <sub>2</sub> O <sub>3</sub> .H <sub>3</sub> N            | 2307-55-3 | 221-221-0 | 2,3-epoxypropyltrimethylammonium chloride C <sub>6</sub> H <sub>14</sub> NO.Cl  | 3033-77-0 |
| 218-996-2 | phosalone C <sub>12</sub> H <sub>13</sub> ClNO <sub>4</sub> PS <sub>2</sub>   | 2310-17-0 | 221-242-5 | sodium ethylenesulphonate C <sub>2</sub> H <sub>4</sub> O <sub>3</sub> .S.Na  | 3039-83-6 |
| 219-283-9 | 2,3,5,6-tetrachloropyridine C <sub>5</sub> HCl <sub>4</sub> N   | 2402-79-1 | 221-496-7 | 4-(methylthio)- <i>m</i> -cresol C <sub>8</sub> H <sub>10</sub> OS  | 3120-74-9 |
| 219-330-3 | 2,3,6-trimethylphenol C <sub>9</sub> H <sub>12</sub> O  | 2416-94-6 | 221-508-0 | tetrakis(2-ethylhexyl)benzene-1,2,4,5-tetracarboxylate C <sub>42</sub> H <sub>70</sub> O <sub>8</sub>                     | 3126-80-5 |
| 219-397-9 | 2,3,4-trichlorobut-1-ene C <sub>4</sub> H <sub>5</sub> Cl <sub>3</sub>  | 2431-50-7 | 221-641-4 | 1,5-naphthylene diisocyanate C <sub>12</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>                                 | 3173-72-6 |
|           |   |           | 221-717-7 | 1,2-dichloro-3-nitrobenzene C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> NO <sub>2</sub>                                 | 3209-22-1 |
|           |   |           | 221-838-5 | copper dinitrate Cu.2HNO <sub>3</sub>   | 3251-23-8 |

| EINECS no | group  | CAS no    | EINECS no | group  | CAS no    |
|-----------|--|-----------|-----------|--|-----------|
| 221-882-5 | 3-(methylthio)propionaldehyde C <sub>4</sub> H <sub>8</sub> OS   | 3268-49-3 | 225-935-3 | barium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4- <i>c</i> -sulphonate] C <sub>17</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>4</sub> S <sub>1/2</sub> Ba                              | 5160-02-1 |
| 221-975-0 | 3,5,5-trimethylhexanoic acid C <sub>9</sub> H <sub>18</sub> O <sub>2</sub>   | 3302-10-1 | 226-009-1 | α,α,α,4-tetrachlorotoluene C <sub>7</sub> H <sub>4</sub> Cl <sub>4</sub>   | 5216-25-1 |
| 222-037-3 | adipic acid, compound with hexane-1,6-diamine (1:1) C <sub>6</sub> H <sub>16</sub> N <sub>2</sub> .C <sub>6</sub> H <sub>10</sub> O <sub>4</sub> | 3323-53-3 | 226-218-8 | sulphamidic acid H <sub>3</sub> NO <sub>3</sub> S  | 5329-14-6 |
| 222-048-3 | (3-chloro-2-hydroxypropyl)trimethylammonium chloride C <sub>6</sub> H <sub>15</sub> ClNO.Cl  | 3327-22-8 | 226-242-9 | 2-octyldodecan-1-ol C <sub>20</sub> H <sub>42</sub> O  | 5333-42-6 |
| 222-376-7 | 3,5,5-trimethylhexan-1-ol C <sub>9</sub> H <sub>20</sub> O   | 3452-97-9 | 226-394-6 | citral C <sub>10</sub> H <sub>16</sub> O   | 5392-40-5 |
| 222-823-6 | N-butylbenzenesulphonamide C <sub>10</sub> H <sub>15</sub> NO <sub>2</sub> S   | 3622-84-2 | 226-736-4 | sodium hydrogen 4-amino-5-hydroxynaphthalene-2,7-disulphonate C <sub>10</sub> H <sub>9</sub> NO <sub>7</sub> S <sub>2</sub> .Na  | 5460-09-3 |
| 222-884-9 | diundecyl phthalate C <sub>30</sub> H <sub>50</sub> O <sub>4</sub>   | 3648-20-2 | 226-939-8 | 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4- <i>c</i> -chloro-2,5-dimethoxyphenyl)-3- <i>c</i> -oxobutyramide] C <sub>36</sub> H <sub>32</sub> Cl <sub>4</sub> N <sub>6</sub> O <sub>8</sub> | 5567-15-7 |
| 222-885-4 | diheptyl phthalate C <sub>22</sub> H <sub>34</sub> O <sub>4</sub>  | 3648-21-3 | 227-505-0 | 2-butene-1,1-diyl diacetate C <sub>8</sub> H <sub>12</sub> O <sub>4</sub>  | 5860-35-5 |
| 222-981-6 | decyl oleate C <sub>28</sub> H <sub>54</sub> O <sub>2</sub>  | 3687-46-5 | 227-813-5 | ( <i>R</i> )- <i>p</i> -mentha-1,8-diene C <sub>10</sub> H <sub>16</sub>   | 5989-27-5 |
| 223-051-2 | disodium 4,4'-dinitrostilbene-2,2'-disulphonate C <sub>14</sub> H <sub>10</sub> N <sub>2</sub> O <sub>10</sub> S <sub>2</sub> .2Na               | 3709-43-1 | 227-977-8 | hexamethylenediammonium dichloride C <sub>6</sub> H <sub>16</sub> N <sub>2</sub> .2ClH   | 6055-52-3 |
| 223-289-7 | potassium chlorate ClHO <sub>3</sub> .K  | 3811-04-9 | 228-055-8 | <i>N,N'</i> -(isobutylidene)diurea C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>  | 6104-30-9 |
| 223-498-3 | sodium chloroacetate C <sub>2</sub> H <sub>3</sub> ClO <sub>2</sub> .Na  | 3926-62-3 | 228-126-3 | pentadecyl methacrylate C <sub>19</sub> H <sub>36</sub> O <sub>2</sub>   | 6140-74-5 |
| 223-622-6 | thiophosphoryl trichloride Cl <sub>3</sub> PS  | 3982-91-0 | 228-391-5 | sodium 1-amino-4-bromo-9,10-dioxoanthracene-2-sulphonate C <sub>14</sub> H <sub>8</sub> BrNO <sub>5</sub> .S.Na  | 6258-06-6 |
| 223-795-8 | calcium dipropionate C <sub>3</sub> H <sub>6</sub> O <sub>2</sub> .1/2Ca   | 4075-81-4 | 228-782-0 | 4-chloro-2,5-dimethoxyaniline C <sub>8</sub> H <sub>10</sub> ClNO <sub>2</sub>   | 6358-64-1 |
| 223-819-7 | <i>N</i> -methyldioctadecylamine C <sub>37</sub> H <sub>77</sub> N   | 4088-22-6 | 228-787-8 | 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[3-oxo- <i>c</i> - <i>N</i> -phenylbutyramide] C <sub>32</sub> H <sub>26</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>4</sub>                           | 6358-85-6 |
| 223-861-6 | 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub>                            | 4098-71-9 | 229-146-5 | nitrilotrimethylenetris(phosphonic acid) C <sub>3</sub> H <sub>12</sub> NO <sub>9</sub> P <sub>3</sub>   | 6419-19-8 |
| 223-907-5 | 2-chloro- <i>N</i> -methyl-3-oxobutyramide C <sub>5</sub> H <sub>8</sub> ClNO <sub>2</sub>   | 4116-10-3 | 229-347-8 | ammonium nitrate H <sub>3</sub> N.HNO <sub>3</sub>   | 6484-52-2 |
| 224-030-0 | crotonaldehyde C <sub>4</sub> H <sub>6</sub> O   | 4170-30-3 | 229-353-0 | <i>cis</i> -2,6-dimethylmorpholine C <sub>6</sub> H <sub>13</sub> NO   | 6485-55-8 |
| 224-644-9 | 3-methoxybutyl acetate C <sub>7</sub> H <sub>14</sub> O <sub>3</sub>   | 4435-53-4 | 229-912-9 | disodium metasilicate H <sub>2</sub> O <sub>3</sub> Si <sub>2</sub> .2Na   | 6834-92-0 |
| 224-698-3 | 3,4-dihydro-2-methoxy-2H-pyran C <sub>6</sub> H <sub>10</sub> O <sub>2</sub>   | 4454-05-1 | 229-962-1 | 2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine) C <sub>15</sub> H <sub>30</sub> N <sub>2</sub>  | 6864-37-5 |
| 224-791-9 | 1,2,3,4-tetrahydro-2,2,4-trimethylquinoline C <sub>12</sub> H <sub>17</sub> N  | 4497-58-9 | 230-042-7 | monocrotophos C <sub>7</sub> H <sub>14</sub> NO <sub>5</sub> P   | 6923-22-4 |
| 224-923-5 | 2-methylglutaronitrile C <sub>6</sub> H <sub>8</sub> N <sub>2</sub>  | 4553-62-2 | 230-086-7 | 1-chloro-2,5-dimethoxy-4-nitrobenzene C <sub>8</sub> H <sub>8</sub> ClNO <sub>4</sub>  | 6940-53-0 |
| 225-379-1 | <i>o</i> -isopropoxyphenol C <sub>9</sub> H <sub>12</sub> O <sub>2</sub>   | 4812-20-8 | 230-785-7 | tetrapotassium pyrophosphate H <sub>4</sub> O <sub>7</sub> P <sub>2</sub> .4K  | 7320-34-5 |
| 225-533-8 | cyclododeca-1,5,9-triene C <sub>12</sub> H <sub>18</sub>   | 4904-61-4 | 230-847-3 | disodium 4,4'-diaminostilbene-2,2'-disulphonate C <sub>14</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub> .2Na  | 7336-20-1 |
| 225-625-8 | <i>N,N</i> -dicyclohexylbenzothiazole-2-sulphenamide C <sub>19</sub> H <sub>26</sub> N <sub>2</sub> S <sub>2</sub>                               | 4979-32-2 | 230-898-1 | aluminium triformate CH <sub>2</sub> O <sub>2</sub> .1/3Al   | 7360-53-4 |
| 225-768-6 | trisodium nitrilotriacetate C <sub>6</sub> H <sub>9</sub> NO <sub>6</sub> .3Na   | 5064-31-3 |           |  |           |
| 225-861-1 | sodium <i>m</i> -(diethylamino)benzenesulphonate C <sub>10</sub> H <sub>15</sub> NO <sub>3</sub> .S.Na   | 5123-63-7 |           |  |           |

| EINECS no | group   | CAS no    | EINECS no | group  | CAS no    |
|-----------|---|-----------|-----------|--|-----------|
| 230-991-7 | butyl glycollate C <sub>6</sub> H <sub>12</sub> O <sub>3</sub>  | 7397-62-8 | 231-449-2 | sodium dihydrogenorthophosphate H <sub>3</sub> O <sub>4</sub> P.Na   | 7558-80-7 |
| 231-068-1 | stearic acid, lead salt C <sub>18</sub> H <sub>36</sub> O <sub>2</sub> .xPb                           | 7428-48-0 | 231-509-8 | trisodium orthophosphate H <sub>3</sub> O <sub>4</sub> P.3Na   | 7601-54-9 |
| 231-072-3 | aluminium Al  | 7429-90-5 | 231-511-9 | sodium perchlorate ClHO <sub>4</sub> .Na   | 7601-89-0 |
| 231-081-2 | ethane-1,2-diylbis(oxyethane-2,1-diyl)bisheptanoate<br>C <sub>20</sub> H <sub>38</sub> O <sub>6</sub> | 7434-40-4 | 231-545-4 | silicon dioxide, chemically prepared O <sub>2</sub> Si   | 7631-86-9 |
| 231-096-4 | iron Fe   | 7439-89-6 | 231-548-0 | sodium hydrogensulphite (aqueous solution) H <sub>2</sub> O <sub>3</sub> S.Na                                  | 7631-90-5 |
| 231-100-4 | lead Pb   | 7439-92-1 | 231-554-3 | sodium nitrate, containing in the dry state more than 16,3 per cent by weight of nitrogen HNO <sub>3</sub> .Na | 7631-99-4 |
| 231-106-7 | mercury Hg  | 7439-97-6 | 231-555-9 | sodium nitrite HNO <sub>2</sub> .Na  | 7632-00-0 |
| 231-111-4 | nickel Ni   | 7440-02-0 | 231-556-4 | sodium peroxometaborate BHO <sub>3</sub> .Na   | 7632-04-4 |
| 231-130-8 | silicon, containing more than 99,99 per cent by weight of silicon Si                                  | 7440-21-3 | 231-569-5 | boron trifluoride BF <sub>3</sub>  | 7637-07-2 |
| 231-131-3 | silver Ag   | 7440-22-4 | 231-587-3 | sodium hydride HNa   | 7646-69-7 |
| 231-132-9 | sodium Na   | 7440-23-5 | 231-588-9 | tin tetrachloride Cl <sub>4</sub> Sn   | 7646-78-8 |
| 231-141-8 | tin Sn  | 7440-31-5 | 231-592-0 | zinc chloride Cl <sub>2</sub> Zn   | 7646-85-7 |
| 231-152-8 | cadmium Cd  | 7440-43-9 | 231-595-7 | hydrogen chloride ClH  | 7647-01-0 |
| 231-158-0 | cobalt Co   | 7440-48-4 | 231-598-3 | sodium chloride ClNa   | 7647-14-5 |
| 231-159-6 | copper Cu   | 7440-50-8 | 231-599-9 | sodium bromide BrNa  | 7647-15-6 |
| 231-175-3 | zinc Zn   | 7440-66-6 | 231-626-4 | 2-ethylhexyl mercaptoacetate C <sub>10</sub> H <sub>20</sub> O <sub>2</sub> S                                  | 7659-86-1 |
| 231-177-4 | bismuth Bi  | 7440-69-9 | 231-633-2 | orthophosphoric acid H <sub>3</sub> O <sub>4</sub> P   | 7664-38-2 |
| 231-195-2 | sulphur dioxide O <sub>2</sub> S  | 7446-09-5 | 231-634-8 | hydrogen fluoride FH   | 7664-39-3 |
| 231-197-3 | sulphur trioxide O <sub>3</sub> S   | 7446-11-9 | 231-635-3 | ammonia, anhydrous H <sub>3</sub> N  | 7664-41-7 |
| 231-198-9 | lead sulphate H <sub>2</sub> O <sub>4</sub> S.Pb  | 7446-14-2 | 231-639-5 | sulphuric acid H <sub>2</sub> O <sub>4</sub> S   | 7664-93-9 |
| 231-208-1 | aluminium chloride AlCl <sub>3</sub>  | 7446-70-0 | 231-665-7 | sodium hydrogensulphate H <sub>2</sub> O <sub>4</sub> S.Na   | 7681-38-1 |
| 231-211-8 | potassium chloride ClK  | 7447-40-7 | 231-667-8 | sodium fluoride FNa  | 7681-49-4 |
| 231-212-3 | lithium chloride ClLi   | 7447-41-8 | 231-668-3 | sodium hypochlorite ClHO.Na  | 7681-52-9 |
| 231-298-2 | magnesium sulphate H <sub>2</sub> O <sub>4</sub> S.Mg   | 7487-88-9 | 231-673-0 | disodium disulphite H <sub>2</sub> O <sub>5</sub> S <sub>2</sub> .2Na  | 7681-57-4 |
| 231-312-7 | piracetam C <sub>6</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>                                | 7491-74-9 | 231-714-2 | nitric acid HNO <sub>3</sub>   | 7697-37-2 |
| 231-441-9 | titanium tetrachloride Cl <sub>4</sub> Ti   | 7550-45-0 | 231-718-4 | zinc bromide Br <sub>2</sub> Zn  | 7699-45-8 |
| 231-448-7 | disodium hydrogenorthophosphate H <sub>3</sub> O <sub>4</sub> P.2Na                                   | 7558-79-4 | 231-722-6 | sulphur, precipitated, sublimed or colloidal S   | 7704-34-9 |
|           |   |           | 231-729-4 | iron trichloride Cl <sub>3</sub> Fe  | 7705-08-0 |
|           |   |           | 231-748-8 | thionyl dichloride Cl <sub>2</sub> OS  | 7719-09-7 |

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|-----------|--|-----------|-----------|--|-----------|
| 231-749-3 | phosphorus trichloride $\text{Cl}_3\text{P}$   | 7719-12-2 | 231-889-5 | sodium chromate $\text{CrH}_2\text{O}_4 \cdot 2\text{Na}$  | 7775-11-3 |
| 231-753-5 | iron sulphate $\text{Fe} \cdot \text{H}_2\text{O}_4\text{S}$   | 7720-78-7 | 231-890-0 | sodium dithionite $\text{H}_2\text{O}_4\text{S}_2 \cdot 2\text{Na}$  | 7775-14-6 |
| 231-760-3 | potassium permanganate $\text{HMnO}_4 \cdot \text{K}$  | 7722-64-7 | 231-892-1 | disodium peroxodisulphate $\text{H}_2\text{O}_8\text{S}_2 \cdot 2\text{Na}$  | 7775-27-1 |
| 231-765-0 | hydrogen peroxide $\text{H}_2\text{O}_2$   | 7722-84-1 | 231-900-3 | calcium sulphate, natural $\text{Ca} \cdot \text{H}_2\text{O}_4\text{S}$   | 7778-18-9 |
| 231-767-1 | tetrasodium pyrophosphate $\text{H}_4\text{O}_7\text{P}_2 \cdot 4\text{Na}$  | 7722-88-5 | 231-906-6 | potassium dichromate $\text{Cr}_2\text{H}_2\text{O}_7 \cdot 2\text{K}$   | 7778-50-9 |
| 231-768-7 | phosphorus $\text{P}$  | 7723-14-0 | 231-907-1 | tripotassium orthophosphate $\text{H}_3\text{O}_4\text{P} \cdot 3\text{K}$   | 7778-53-2 |
| 231-778-1 | bromine $\text{Br}_2$  | 7726-95-6 | 231-908-7 | calcium hypochlorite $\text{Ca} \cdot 2\text{ClHO}$  | 7778-54-3 |
| 231-784-4 | barium sulphate, natural $\text{Ba} \cdot \text{H}_2\text{O}_4\text{S}$  | 7727-43-7 | 231-912-9 | potassium perchlorate $\text{ClHO}_4 \cdot \text{K}$   | 7778-74-7 |
| 231-786-5 | diammonium peroxodisulphate $\text{H}_3\text{N} \cdot \frac{1}{2}\text{H}_2\text{O}_8\text{S}_2$   | 7727-54-0 | 231-913-4 | potassium dihydrogenorthophosphate $\text{H}_3\text{O}_4\text{P} \cdot \text{K}$   | 7778-77-0 |
| 231-793-3 | zinc sulphate $\text{H}_2\text{O}_4\text{S} \cdot \text{Zn}$   | 7733-02-0 | 231-915-5 | potassium sulphate, containing in the dry state more than 52 per cent by weight of $\text{K}_2\text{O}$ $\text{H}_2\text{O}_4\text{S} \cdot 2\text{K}$ | 7778-80-5 |
| 231-818-8 | potassium nitrate $\text{HNO}_3 \cdot \text{K}$  | 7757-79-1 | 231-944-3 | trizinc bis(orthophosphate) $\text{H}_3\text{O}_4\text{P} \cdot \frac{3}{2}\text{Zn}$  | 7779-90-0 |
| 231-820-9 | sodium sulphate $\text{H}_2\text{O}_4\text{S} \cdot 2\text{Na}$  | 7757-82-6 | 231-956-9 | oxygen $\text{O}_2$  | 7782-44-7 |
| 231-821-4 | sodium sulphite $\text{H}_2\text{O}_3\text{S} \cdot 2\text{Na}$  | 7757-83-7 | 231-957-4 | selenium $\text{Se}$   | 7782-49-2 |
| 231-826-1 | calcium hydrogenorthophosphate, with a fluorine content of less than 0,005 per cent by weight on the dry anhydrous product $\text{Ca} \cdot \text{H}_3\text{O}_4\text{P}$  | 7757-93-9 | 231-959-5 | chlorine $\text{Cl}_2$   | 7782-50-5 |
| 231-830-3 | potassium bromide $\text{BrK}$   | 7758-02-3 | 231-964-2 | nitrosylsulphuric acid $\text{HNO}_3\text{S}$  | 7782-78-7 |
| 231-834-5 | dipotassium hydrogenorthophosphate $\text{H}_3\text{O}_4\text{P} \cdot 2\text{K}$  | 7758-11-4 | 231-971-0 | sodium amide $\text{H}_2\text{NNa}$  | 7782-92-5 |
| 231-835-0 | disodium dihydrogenpyrophosphate $\text{H}_4\text{O}_7\text{P}_2 \cdot 2\text{Na}$   | 7758-16-9 | 231-973-1 | sulphurous acid $\text{H}_2\text{O}_3\text{S}$   | 7782-99-2 |
| 231-836-6 | sodium chlorite $\text{ClHO}_2 \cdot \text{Na}$  | 7758-19-2 | 231-977-3 | hydrogen sulphide $\text{H}_2\text{S}$   | 7783-06-4 |
| 231-837-1 | calcium bis(dihydrogenorthophosphate), with a fluorine content of less than 0,005 % by weight on the dry anhydrous product $\text{Ca} \cdot 2\text{H}_3\text{O}_4\text{P}$ | 7758-23-8 | 231-982-0 | ammonium thiosulphate $\text{H}_3\text{N} \cdot \frac{1}{2}\text{H}_2\text{O}_3\text{S}_2$   | 7783-18-8 |
| 231-838-7 | pentasodium triphosphate $\text{H}_5\text{O}_{10}\text{P}_3 \cdot 5\text{Na}$  | 7758-29-4 | 231-984-1 | ammonium sulphate $\text{H}_3\text{N} \cdot \frac{1}{2}\text{H}_2\text{O}_4\text{S}$   | 7783-20-2 |
| 231-843-4 | iron dichloride $\text{Cl}_2\text{Fe}$   | 7758-94-3 | 231-987-8 | diammonium hydrogenorthophosphate $\text{H}_3\text{N} \cdot \frac{1}{2}\text{H}_3\text{O}_4\text{P}$   | 7783-28-0 |
| 231-845-5 | lead dichloride $\text{Cl}_2\text{Pb}$   | 7758-95-4 | 232-051-1 | aluminium fluoride $\text{AlF}_3$  | 7784-18-1 |
| 231-846-0 | lead chromate $\text{CrH}_2\text{O}_4 \cdot \text{Pb}$   | 7758-97-6 | 232-087-8 | (+)-pin-2(3)-ene $\text{C}_{10}\text{H}_{16}$  | 7785-70-8 |
| 231-847-6 | copper sulphate $\text{Cu} \cdot \text{H}_2\text{O}_4\text{S}$   | 7758-98-7 | 232-089-9 | manganese sulphate $\text{H}_2\text{O}_4\text{S} \cdot \text{Mn}$  | 7785-87-7 |
| 231-867-5 | sodium thiosulphate $\text{H}_2\text{O}_3\text{S}_2 \cdot 2\text{Na}$  | 7772-98-7 | 232-094-6 | magnesium chloride $\text{Cl}_2\text{Mg}$  | 7786-30-3 |
| 231-887-4 | sodium chlorate $\text{ClHO}_3 \cdot \text{Na}$  | 7775-09-9 | 232-104-9 | nickel sulphate $\text{H}_2\text{O}_4\text{S} \cdot \text{Ni}$   | 7786-81-4 |
|           |  |           | 232-143-1 | ammonium dichromate $\text{Cr}_2\text{H}_2\text{O}_7 \cdot 2\text{H}_3\text{N}$  | 7789-09-5 |
|           |  |           | 232-149-4 | fluorosulphuric acid $\text{FHO}_3\text{S}$  | 7789-21-1 |
|           |  |           | 232-188-7 | calcium fluoride $\text{CaF}_2$  | 7789-75-5 |

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|-----------|--|------------|-----------|---|------------|
| 232-234-6 | chlorosulphuric acid $\text{ClHO}_3\text{S}$   | 7790-94-5  | 233-054-0 | silicon tetrachloride $\text{Cl}_4\text{Si}$  | 10026-04-7 |
| 232-235-1 | ammonium perchlorate $\text{ClHO}_4\text{H}_3\text{N}$   | 7790-98-9  | 233-060-3 | phosphorus pentachloride $\text{Cl}_5\text{P}$  | 10026-13-8 |
| 232-245-6 | sulphuryl dichloride $\text{Cl}_2\text{O}_2\text{S}$   | 7791-25-5  | 233-118-8 | bis(hydroxylammonium)sulphate $\text{H}_3\text{NO} \cdot 1/2 \text{H}_2\text{O}_4\text{S}$  | 10039-54-0 |
| 232-259-2 | hydroxylamine $\text{H}_3\text{NO}$  | 7803-49-8  | 233-135-0 | aluminium sulphate $\text{Al} \cdot 3/2 \text{H}_2\text{O}_4\text{S}$   | 10043-01-3 |
| 232-287-5 | Creosote<br>The distillate of coal tar produced by the high temperature carbonization of bituminous coal. It consists primarily of aromatic hydrocarbons, tar acids and tar bases.   | 8001-58-9  | 233-139-2 | boric acid, crude natural, containing not more than 85 per cent of $\text{H}_3\text{BO}_3$ calculated on the dry weight $\text{BH}_3\text{O}_3$ | 10043-35-3 |
| 232-304-6 | Tall oil<br>A complex combination of tall oil rosin and fatty acids derived from acidulation of crude tall oil soap and including that which is further refined. Contains at least 10% rosin.  | 8002-26-4  | 233-140-8 | calcium chloride $\text{CaCl}_2$  | 10043-52-4 |
| 232-313-5 | Montan wax<br>Wax obtained by extraction of lignite.   | 8002-53-7  | 233-187-4 | potassium hydrogenperoxomonosulphate $\text{H}_2\text{O}_5\text{S.K}$   | 10058-23-8 |
| 232-350-7 | Turpentine, oil<br>Any of the volatile predominately terpenic fractions or distillates resulting from the solvent extraction of, gum collection from, or pulping of softwoods. Composed primarily of the $\text{C}_{10}\text{H}_{16}$ terpene hydrocarbons: $\alpha$ -pinene, $\beta$ -pinene, limonene, 3-carene, camphene. May contain other acyclic, monocyclic, or bicyclic terpenes, oxygenated terpenes, and anethole. Exact composition varies with refining methods and the age, location, and species of the softwood source. | 8006-64-2  | 233-250-6 | calcium silicate $\text{Ca.H}_2\text{O}_3\text{Si}$   | 10101-39-0 |
| 232-391-0 | Soybean oil, epoxidized  | 8013-07-8  | 233-253-2 | dichromium tris(sulphate) $\text{Cr} \cdot 3/2 \text{H}_2\text{O}_4\text{S}$  | 10101-53-8 |
| 232-394-7 | <i>o</i> -(or <i>p</i> )-toluenesulphonamide $\text{C}_7\text{H}_7\text{NO}_2\text{S}$   | 8013-74-9  | 233-267-9 | sodium selenite $\text{H}_2\text{O}_3\text{Se} \cdot 2\text{Na}$  | 10102-18-8 |
| 232-475-7 | Rosin<br>A complex combination derived from wood, especially pine wood. Composed primarily of resin acids and modified resin acids such as dimers and decarboxylated resin acids. Includes rosin stabilized by catalytic disproportionation.   | 8050-09-7  | 233-271-0 | nitrogen monoxide $\text{NO}$   | 10102-43-9 |
| 232-476-2 | Resin acids and Rosin acids, hydrogenated, Me esters   | 8050-15-5  | 233-321-1 | potassium sulphite $\text{H}_2\text{O}_3\text{S} \cdot 2\text{K}$   | 10117-38-1 |
| 232-482-5 | Resin acids and Rosin acids, esters with glycerol  | 8050-31-5  | 233-330-0 | phosphoric acid, ammonium salt $\text{H}_3\text{N} \cdot x \text{H}_3\text{O}_4\text{P}$  | 10124-31-9 |
| 232-688-5 | Turpentine<br>Extractives and their physically modified derivatives. <i>Pinus palustris</i> , <i>Pinaceae</i> .  | 9005-90-7  | 233-332-1 | calcium nitrate, containing in the anhydrous state more than 16 per cent by weight of nitrogen $\text{Ca} \cdot 2\text{HNO}_3$                  | 10124-37-5 |
| 233-032-0 | dinitrogen oxide $\text{N}_2\text{O}$  | 10024-97-2 | 233-606-0 | methamidophos $\text{C}_2\text{H}_8\text{NO}_2\text{PS}$  | 10265-92-6 |
| 233-036-2 | disulphur dichloride $\text{Cl}_2\text{S}_2$   | 10025-67-9 | 233-788-1 | barium chloride $\text{BaCl}_2$   | 10361-37-2 |
| 233-042-5 | trichlorosilane $\text{Cl}_3\text{HSi}$  | 10025-78-2 | 233-826-7 | magnesium nitrate $\text{HNO}_3 \cdot 1/2 \text{Mg}$  | 10377-60-3 |
| 233-046-7 | phosphoryl trichloride $\text{Cl}_3\text{OP}$  | 10025-87-3 | 234-123-8 | <i>N,N</i> -ethylenebis[ <i>N</i> -acetylacetamide] $\text{C}_{10}\text{H}_{16}\text{N}_2\text{O}_4$  | 10543-57-4 |
|           |  |            | 234-129-0 | sulphur dichloride $\text{Cl}_2\text{S}$  | 10545-99-0 |
|           |  |            | 234-186-1 | 2-ethylhexyl 4,4-dibutyl-10-ethyl-7-oxo-8-oxa-3,5-dithia-4-c stannatetradecanoate $\text{C}_{28}\text{H}_{56}\text{O}_4\text{S}_2\text{Sn}$     | 10584-98-2 |
|           |  |            | 234-190-3 | sodium dichromate $\text{Cr}_2\text{H}_2\text{O}_7 \cdot 2\text{Na}$  | 10588-01-9 |
|           |  |            | 234-294-9 | isooctene $\text{C}_8\text{H}_{16}$   | 11071-47-9 |
|           |  |            | 234-304-1 | isooctylphenol $\text{C}_{14}\text{H}_{22}\text{O}$   | 11081-15-5 |
|           |  |            | 234-324-0 | Silicic acid, ethyl ester   | 11099-06-2 |
|           |  |            | 234-343-4 | Boric acid  | 11113-50-1 |
|           |  |            | 234-390-0 | Perboric acid, sodium salt  | 11138-47-9 |

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|---|--------------------------------|------------|---|------------------------|------------|
| 234-409-2   |                                | 12001-85-3 | 236-670-8   |                        | 13463-40-6 |
| Naphthenic acids, zinc salts  |                                |            | pentacarbonyliron   | $C_5FeO_5$             |            |
| 234-448-5   |                                | 12004-14-7 | 236-675-5   |                        | 13463-67-7 |
| hexacalcium hexaoxotris[sulphato(2-)]dialuminate(12-)   |                                |            | titanium dioxide  | $O_2Ti$                |            |
| $Al_2O_3S_3.6Ca$  |                                |            | 236-688-6   |                        | 13464-80-7 |
| 234-588-7   |                                | 12013-56-8 | dihydrazinium sulphate  | $H_4N_2.1/2H_2O_4S$    |            |
| calcium disilicide  | $CaSi_2$                       |            | 236-878-9   |                        | 13530-65-9 |
| 234-630-4   |                                | 12018-01-8 | zinc chromate   | $CrH_2O_4.Zn$          |            |
| chromium dioxide  | $CrO_2$                        |            | 237-004-9   |                        | 13573-18-7 |
| 234-933-1   |                                | 12042-91-0 | triphosphoric acid, sodium salt   | $H_5O_{10}P_3.xNa$     |            |
| dialuminium chloride pentahydroxide   | $Al_2ClH_5O_5$                 |            | 237-066-7   |                        | 13598-36-2 |
| 235-067-7   |                                | 12065-90-6 | phosphonic acid   | $H_3O_3P$              |            |
| pentalead tetraoxide sulphate   | $O_8Pb_5S$                     |            | 237-081-9   |                        | 13601-19-9 |
| 235-105-2   |                                | 12068-77-8 | tetrasodium hexacyanoferrate  | $C_6FeN_6.4Na$         |            |
| dichromium iron tetraoxide  | $Cr_2FeO_4$                    |            | 237-158-7   |                        | 13674-84-5 |
| 235-123-0   |                                | 12070-12-1 | tris(2-chloro-1-methylethyl)phosphate   | $C_9H_{18}Cl_3O_4P$    |            |
| tungsten carbide  | CW                             |            | 237-199-0   |                        | 13684-63-4 |
| 235-137-7   |                                | 12075-68-2 | phenmedipham  | $C_{16}H_{16}N_2O_4$   |            |
| triethylaluminium trichloride   | $C_6H_{15}Al_2Cl_3$            |            | 237-215-6   |                        | 13693-11-3 |
| 235-183-8   |                                | 12124-97-9 | titanium bis(sulphate)  | $H_2O_4S.1/2Ti$        |            |
| ammonium bromide  | $BrH_4N$                       |            | 237-239-7   |                        | 13705-05-0 |
| 235-184-3   |                                | 12124-99-1 | 2,4-dichloro-6-(methylthio)-1,3,5-triazine                                      | $C_4H_3Cl_2N_3S$       |            |
| ammonium hydrogensulphide   | $H_5NS$                        |            | 237-410-6   |                        | 13775-53-6 |
| 235-186-4   |                                | 12125-02-9 | trisodium hexafluoroaluminate   | $AlF_6.3Na$            |            |
| ammonium chloride   | $ClH_4N$                       |            | 237-574-9   |                        | 13845-36-8 |
| 235-227-6   |                                | 12136-45-7 | pentapotassium triphosphate   | $H_5O_{10}P_3.5K$      |            |
| dipotassium oxide   | $K_2O$                         |            | 237-722-2   |                        | 13943-58-3 |
| 235-252-2   |                                | 12141-20-7 | tetrapotassium hexacyanoferrate   | $C_6FeN_6.4K$          |            |
| trilead dioxide phosphonate   | $HO_3PPb_3$                    |            | 237-732-7   |                        | 13952-84-6 |
| 235-380-9   |                                | 12202-17-4 | sec-butylamine  | $C_4H_{11}N$           |            |
| tetralead trioxide sulphate   | $O_7Pb_4S$                     |            | 238-688-1   |                        | 14639-98-6 |
| 235-416-3   |                                | 12222-60-5 | triammonium pentachlorozincate(3-)  | $Cl_5Zn.3H_4N$         |            |
| hexasodium 2,2'-[azobis[(2-sulphonato-4,1-phenylene)vinylene(3-sulphonato-4,1-phenylene)]]bis[2 <i>H</i> -naphtho[1,2- <i>d</i> ]triazole-5-sulphonate] | $C_{48}H_{32}N_8O_{18}S_6.6Na$ |            | 238-877-9   |                        | 14807-96-6 |
| 235-490-7   |                                | 12252-33-4 | Talc ( $Mg_3H_2(SiO_3)_4$ )   | $H_2O_3Si.3/4Mg$       |            |
| calcium [orthosilicato(4-)]dioxodialuminate(2-)   | $Al_2O_6Si.Ca$                 |            | 238-878-4   |                        | 14808-60-7 |
| 235-595-8   |                                | 12336-95-7 | Quartz ( $SiO_2$ )  | $O_2Si$                |            |
| chromium hydroxide sulphate   | $CrHO_5S$                      |            | 238-887-3   |                        | 14816-18-3 |
| 235-649-0   |                                | 12410-14-9 | phoxim  | $C_{12}H_{15}N_2O_3PS$ |            |
| iron chloride sulphate  | $ClFeO_4S$                     |            | 238-932-7   |                        | 14861-17-7 |
| 235-654-8   |                                | 12427-38-2 | 4-(2,4-dichlorophenoxy)aniline  | $C_{12}H_9Cl_2NO$      |            |
| maneb   | $C_4H_6MnN_2S_4$               |            | 239-106-9   |                        | 15022-08-9 |
| 235-759-9   |                                | 12656-85-8 | diallyl carbonate   | $C_7H_{10}O_3$         |            |
| C.I. Pigment Red 104  |                                |            | 239-148-8   |                        | 15096-52-3 |
| This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.   |                                |            | trisodium hexafluoroaluminate   | $AlF_6.3Na$            |            |
| 235-837-2   |                                | 13001-46-2 | 239-263-3   |                        | 15206-55-0 |
| potassium <i>O</i> -isobutyl dithiocarbonate  | $C_5H_{10}OS_2.K$              |            | methyl benzoylformate   | $C_9H_8O_3$            |            |
| 235-845-6   |                                | 13005-36-2 | 239-289-5   |                        | 15245-12-2 |
| potassium phenylacetate   | $C_8H_8O_2.K$                  |            | nitric acid, ammonium calcium salt  | $Ca.xH_3N.xHNO_3$      |            |
| 235-921-9   |                                | 13048-33-4 | 239-592-2   |                        | 15545-48-9 |
| hexamethylene diacrylate  | $C_{12}H_{18}O_4$              |            | chlorotoluron   | $C_{10}H_{13}ClN_2O$   |            |
| 236-598-7   |                                | 13446-48-5 | 239-622-4   |                        | 15571-58-1 |
| ammonium nitrite  | $H_3N.HNO_2$                   |            | 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate | $C_{36}H_{72}O_4S_2Sn$ |            |
|   |                                |            | 239-670-6   |                        | 15593-75-6 |
|   |                                |            | trisodium antimonate(3-)  | $Na.1/3O_4Sb$          |            |
|   |                                |            | 239-701-3   |                        | 15625-89-5 |
|   |                                |            | 2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate                 | $C_{15}H_{20}O_6$      |            |



| EINECS no  | group   | CAS no     | EINECS no | group   | CAS no     |
|--|---|------------|-----------|---|------------|
| 239-707-6  |   | 15630-89-4 | 244-492-7 | aluminium hydroxide $\text{AlH}_3\text{O}_3$  | 21645-51-2 |
| disodium carbonate, compound with hydrogen peroxide (2:3)<br>$\text{CH}_2\text{O}_3 \cdot 3/2 \text{H}_2\text{O}_2 \cdot 2\text{Na}$ |   |            | 244-742-5 | [ethylenebis[nitrilobis(methylene)]]tetrakisphosphonic acid,<br>sodium salt $\text{C}_6\text{H}_{20}\text{N}_2\text{O}_{12}\text{P}_4 \cdot x\text{Na}$ | 22036-77-7 |
| 239-784-6  | ibuprofen $\text{C}_{13}\text{H}_{18}\text{O}_2$  | 15687-27-1 | 244-848-1 | fenamiphos $\text{C}_{13}\text{H}_{22}\text{NO}_3\text{PS}$   | 22224-92-6 |
| 239-931-4  | [[[(phosphonomethyl)imino]bis[ethane-2,1-diyl]nitrilobis(methylene)]]tetrakisphosphonic acid $\text{C}_9\text{H}_{28}\text{N}_3\text{O}_{15}\text{P}_5$   | 15827-60-8 | 245-883-5 | 3,6,9,12-tetraoxotridecanol $\text{C}_9\text{H}_{20}\text{O}_3$   | 23783-42-8 |
| 240-032-4  | $N,N''$ -1,6-hexanediyldis[ $N$ -cyanoguanidine] $\text{C}_{10}\text{H}_{18}\text{N}_8$   | 15894-70-9 | 246-307-5 | 2,6-diethyl- <i>p</i> -toluidine $\text{C}_{11}\text{H}_{17}\text{N}$   | 24544-08-9 |
| 240-286-6  | carbetamide $\text{C}_{12}\text{H}_{16}\text{N}_2\text{O}_3$  | 16118-49-3 | 246-309-6 | 6-ethyl-2-toluidine $\text{C}_9\text{H}_{13}\text{N}$   | 24549-06-2 |
| 240-347-7  | 5-ethylidene-8,9,10-trinorborn-2-ene $\text{C}_9\text{H}_{12}$  | 16219-75-3 | 246-347-3 | tridemorph $\text{C}_{19}\text{H}_{39}\text{NO}$  | 24602-86-6 |
| 240-383-3  | Charcoal<br>An amorphous form of carbon produced by partially burning or oxidizing wood or other organic matter.  | 16291-96-6 | 246-376-1 | potassium ( <i>E,E</i> )-hexa-2,4-dienoate $\text{C}_6\text{H}_8\text{O}_2\text{K}$   | 24634-61-5 |
| 240-596-1  | 2-methyl-3-butenenitrile $\text{C}_5\text{H}_7\text{N}$   | 16529-56-9 | 246-466-0 | [(methylethylene)bis(oxy)]dipropanol $\text{C}_9\text{H}_{20}\text{O}_4$  | 24800-44-0 |
| 240-778-0  | sodium hydrogensulphide $\text{HNaS}$   | 16721-80-5 | 246-562-2 | vinyltoluene $\text{C}_9\text{H}_{10}$  | 25013-15-4 |
| 240-795-3  | dipotassium disulphite $\text{H}_2\text{O}_3\text{S}_2 \cdot 2\text{K}$   | 16731-55-8 | 246-585-8 | bentazone $\text{C}_{10}\text{H}_{12}\text{N}_2\text{O}_3\text{S}$  | 25057-89-0 |
| 240-896-2  | dipotassium hexafluorosilicate $\text{F}_6\text{Si}_2\text{K}$  | 16871-90-2 | 246-613-9 | isooctyl mercaptoacetate $\text{C}_{10}\text{H}_{20}\text{O}_2\text{S}$   | 25103-09-7 |
| 240-898-3  | tetrafluoroboric acid $\text{BF}_4\text{H}$   | 16872-11-0 | 246-617-0 | isooctanoic acid $\text{C}_8\text{H}_{16}\text{O}_2$  | 25103-52-0 |
| 240-934-8  | disodium hexafluorosilicate $\text{F}_6\text{Si}_2\text{Na}$  | 16893-85-9 | 246-619-1 | <i>tert</i> -dodecanethiol $\text{C}_{12}\text{H}_{26}\text{S}$   | 25103-58-6 |
| 240-969-9  | dipotassium hexafluorotitanate $\text{F}_6\text{Ti}_2\text{K}$  | 16919-27-0 | 246-672-0 | nonylphenol $\text{C}_{15}\text{H}_{24}\text{O}$  | 25154-52-3 |
| 241-034-8  | hexafluorosilicic acid $\text{F}_6\text{Si}_2\text{H}$  | 16961-83-4 | 246-673-6 | dinitrobenzene $\text{C}_6\text{H}_4\text{N}_2\text{O}_4$   | 25154-54-5 |
| 241-164-5  | tetrasodium 4-amino-5-hydroxy-3,6-bis[[4-[[2-(sulphonatooxy)ethyl]sulphonyl]phenyl]azo]naphthalene-2,7-disulphonate<br>$\text{C}_{26}\text{H}_{25}\text{N}_5\text{O}_{19}\text{S}_6 \cdot 4\text{Na}$ | 17095-24-8 | 246-689-3 | butene $\text{C}_4\text{H}_8$   | 25167-67-3 |
| 241-342-2  | <i>O,O</i> -dimethyl thiophosphoramidate $\text{C}_2\text{H}_8\text{NO}_2\text{PS}$   | 17321-47-0 | 246-690-9 | 2,4,4-trimethylpentene $\text{C}_8\text{H}_{16}$  | 25167-70-8 |
| 241-624-5  | methyl 2-chloropropionate $\text{C}_4\text{H}_7\text{ClO}_2$  | 17639-93-9 | 246-770-3 | oxydipropanol $\text{C}_6\text{H}_{14}\text{O}_3$   | 25265-71-8 |
| 242-159-0  | tin dioxide $\text{O}_2\text{Sn}$   | 18282-10-5 | 246-771-9 | isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol<br>$\text{C}_{12}\text{H}_{24}\text{O}_3$   | 25265-77-4 |
| 242-348-8  | diprogulic acid $\text{C}_{12}\text{H}_{18}\text{O}_7$  | 18467-77-1 | 246-814-1 | isofenphos $\text{C}_{15}\text{H}_{24}\text{NO}_4\text{PS}$   | 25311-71-1 |
| 242-358-2  | 3,7-dimethyloct-1-en-3-ol $\text{C}_{10}\text{H}_{20}\text{O}$  | 18479-49-7 | 246-835-6 | diisopropylbenzene $\text{C}_{12}\text{H}_{18}$   | 25321-09-9 |
| 242-505-0  | methabenzthiazuron $\text{C}_{10}\text{H}_{11}\text{N}_3\text{OS}$  | 18691-97-9 | 246-837-7 | dichlorobenzene $\text{C}_6\text{H}_4\text{Cl}_2$   | 25321-22-6 |
| 243-215-7  | 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3 <i>H</i> )-one $\text{C}_{15}\text{H}_{18}\text{Cl}_2\text{N}_2\text{O}_3$  | 19666-30-9 | 246-869-1 | isodecyl alcohol $\text{C}_{10}\text{H}_{22}\text{O}$   | 25339-17-7 |
| 243-473-0  | 2,5,6-trimethylcyclohex-2-en-1-one $\text{C}_9\text{H}_{14}\text{O}$  | 20030-30-2 | 246-910-3 | diaminotoluene $\text{C}_7\text{H}_{10}\text{N}_2$  | 25376-45-8 |
| 243-723-9  | <i>N</i> -methyl-3-oxobutyramide $\text{C}_5\text{H}_9\text{NO}_2$  | 20306-75-6 | 247-099-9 | trimethylbenzene $\text{C}_9\text{H}_{12}$  | 25551-13-7 |
| 243-746-4  | iron hydroxide oxide $\text{FeHO}_2$  | 20344-49-4 | 247-134-8 | trimethylhexane-1,6-diamine $\text{C}_9\text{H}_{22}\text{N}_2$   | 25620-58-0 |
|  |   |            | 247-148-4 | hexabromocyclododecane $\text{C}_{12}\text{H}_{18}\text{Br}_6$  | 25637-99-4 |

| EINECS no | group  | CAS no     | EINECS no | group   | CAS no     |
|-----------|--|------------|-----------|---|------------|
| 247-323-5 | (Z)-pent-2-enenitrile C <sub>5</sub> H <sub>7</sub> N  | 25899-50-7 | 249-050-7 | 3-chloro- <i>p</i> -tolyl isocyanate C <sub>8</sub> H <sub>6</sub> ClNO   | 28479-22-3 |
| 247-477-3 | terphenyl C <sub>18</sub> H <sub>14</sub>  | 26140-60-3 | 249-079-5 | di-"isononyl" phthalate C <sub>26</sub> H <sub>42</sub> O <sub>4</sub>  | 28553-12-0 |
| 247-571-4 | 2-ethylhexenal C <sub>8</sub> H <sub>14</sub> O  | 26266-68-2 | 249-482-6 | 3,7-dimethyloct-6-en-1-yn-3-ol C <sub>10</sub> H <sub>16</sub> O  | 29171-20-8 |
| 247-693-8 | diphenyl tolyl phosphate C <sub>19</sub> H <sub>17</sub> O <sub>4</sub> P                                  | 26444-49-5 | 249-828-6 | isodecyl diphenyl phosphate C <sub>22</sub> H <sub>31</sub> O <sub>4</sub> P  | 29761-21-5 |
| 247-714-0 | methylenediphenyl diisocyanate C <sub>15</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub>               | 26447-40-5 | 249-894-6 | sodium 1,4-diisodecyl sulphonatosuccinate C <sub>24</sub> H <sub>46</sub> O <sub>7</sub> S.Na   | 29857-13-4 |
| 247-722-4 | <i>m</i> -tolylidene diisocyanate C <sub>9</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>              | 26471-62-5 | 250-178-0 | isooctadecanoic acid C <sub>18</sub> H <sub>36</sub> O <sub>2</sub>   | 30399-84-9 |
| 247-977-1 | di-"isodecyl" phthalate C <sub>28</sub> H <sub>46</sub> O <sub>4</sub>                                     | 26761-40-0 | 250-247-5 | ( <i>E</i> )-2-methyl-2-butenenitrile C <sub>5</sub> H <sub>7</sub> N   | 30574-97-1 |
| 247-979-2 | 2,3-epoxypropyl neodecanoate C <sub>13</sub> H <sub>24</sub> O <sub>3</sub>                                | 26761-45-5 | 250-354-7 | potassium 9,10-dihydro-9,10-dioxoanthracene-1-sulphonate C <sub>14</sub> H <sub>8</sub> O <sub>5</sub> S.K  | 30845-78-4 |
| 248-092-3 | isononanoic acid C <sub>9</sub> H <sub>18</sub> O <sub>2</sub>   | 26896-18-4 | 250-378-8 | pentanol C <sub>5</sub> H <sub>12</sub> O   | 30899-19-5 |
| 248-097-0 | dibenzyltoluene C <sub>21</sub> H <sub>20</sub>  | 26898-17-9 | 250-439-9 | <i>p</i> -isopropylphenyl isocyanate C <sub>10</sub> H <sub>11</sub> NO   | 31027-31-3 |
| 248-133-5 | isooctan-1-ol C <sub>8</sub> H <sub>18</sub> O   | 26952-21-6 | 250-702-8 | di( <i>tert</i> -dodecyl)pentasulphide C <sub>24</sub> H <sub>50</sub> S <sub>5</sub>   | 31565-23-8 |
| 248-206-1 | cyclododecatiene C <sub>12</sub> H <sub>18</sub>   | 27070-59-3 | 250-709-6 | tris(2,4-di- <i>tert</i> -butylphenyl)phosphite C <sub>42</sub> H <sub>63</sub> O <sub>3</sub> P  | 31570-04-4 |
| 248-289-4 | dodecylbenzenesulphonic acid C <sub>18</sub> H <sub>30</sub> O <sub>3</sub> S                              | 27176-87-0 | 251-013-5 | octadecyl methacrylate C <sub>22</sub> H <sub>42</sub> O <sub>2</sub>   | 32360-05-7 |
| 248-310-7 | (1,1,3,3-tetramethylbutyl)phenol C <sub>14</sub> H <sub>22</sub> O   | 27193-28-8 | 251-087-9 | diphenyl ether, octabromo derivative C <sub>12</sub> H <sub>2</sub> Br <sub>8</sub> O   | 32536-52-0 |
| 248-339-5 | nonene C <sub>9</sub> H <sub>18</sub>  | 27215-95-8 | 251-835-4 | 3-(4-isopropylphenyl)-1,1-dimethylurea C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O   | 34123-59-6 |
| 248-363-6 | 2-ethylhexyl nitrate C <sub>8</sub> H <sub>17</sub> NO <sub>3</sub>  | 27247-96-7 | 252-104-2 | (2-methoxymethylethoxy)propanol C <sub>7</sub> H <sub>16</sub> O <sub>3</sub>   | 34590-94-8 |
| 248-368-3 | diisotridecyl phthalate C <sub>34</sub> H <sub>58</sub> O <sub>4</sub>                                     | 27253-26-5 | 252-276-9 | 1,3-dichloro-5-isocyanatobenzene C <sub>7</sub> H <sub>3</sub> Cl <sub>2</sub> NO   | 34893-92-0 |
| 248-405-3 | chloro-1,1'-biphenyl C <sub>12</sub> H <sub>9</sub> Cl   | 27323-18-8 | 253-149-0 | hexadecan-1-ol C <sub>16</sub> H <sub>34</sub> O  | 36653-82-4 |
| 248-433-6 | <i>N</i> -[4-[(2-hydroxyethyl)sulphonyl]phenyl]acetamide C <sub>10</sub> H <sub>13</sub> NO <sub>4</sub> S | 27375-52-6 | 253-178-9 | 3-(3,5-dichlorophenyl)-2,4-dioxo- <i>N</i> -isopropylimidazolidine-1- <i>c</i> -carboxamide C <sub>13</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>3</sub> | 36734-19-7 |
| 248-469-2 | isotridecan-1-ol C <sub>13</sub> H <sub>28</sub> O   | 27458-92-0 | 253-407-2 | 9-Octadecenoic acid ( <i>Z</i> )-, ester with 1,2,3-propanetriol  | 37220-82-9 |
| 248-471-3 | isononyl alcohol C <sub>9</sub> H <sub>20</sub> O  | 27458-94-2 | 253-733-5 | 2-phosphonobutane-1,2,4-tricarboxylic acid C <sub>7</sub> H <sub>11</sub> O <sub>5</sub> P  | 37971-36-1 |
| 248-523-5 | diisooctyl phthalate C <sub>24</sub> H <sub>38</sub> O <sub>4</sub>  | 27554-26-3 | 254-159-8 | 1-[4-(2-methylpropyl)phenyl]ethan-1-one C <sub>12</sub> H <sub>16</sub> O   | 38861-78-8 |
| 248-654-8 | benzyltoluene C <sub>14</sub> H <sub>14</sub>  | 27776-01-8 | 254-320-2 | aluminium triethyl triphosphonate C <sub>2</sub> H <sub>7</sub> O <sub>3</sub> P <sub>1/3</sub> Al  | 39148-24-8 |
| 248-704-9 | methyl ( <i>S</i> )-(-)-lactate C <sub>4</sub> H <sub>8</sub> O <sub>3</sub>                               | 27871-49-4 | 254-400-7 | Aluminum chloride hydroxide sulfate   | 39290-78-3 |
| 248-948-6 | ditolyl ether C <sub>14</sub> H <sub>14</sub> O  | 28299-41-4 | 255-349-3 | 4-amino-3-methyl-6-phenyl-1,2,4-triazin-5-one C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> O  | 41394-05-2 |
| 248-953-3 | calcium ( <i>S</i> )-2-hydroxypropionate C <sub>3</sub> H <sub>6</sub> O <sub>3</sub> ·1/2Ca               | 28305-25-1 | 255-894-7 | methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate C <sub>14</sub> H <sub>9</sub> Cl <sub>2</sub> NO <sub>5</sub>   | 42576-02-3 |
| 248-983-7 | sodium cumenesulphonate C <sub>9</sub> H <sub>12</sub> O <sub>3</sub> S.Na                                 | 28348-53-0 | 256-103-8 | 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1,2,4-triazol-1-yl)- <i>c</i> -butanone C <sub>14</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>2</sub>                               | 43121-43-3 |
| 249-048-6 | nonan-1-ol C <sub>9</sub> H <sub>20</sub> O  | 28473-21-4 |           |   |            |

| EINECS no | group  | CAS no     | EINECS no | group  | CAS no  |
|-----------|--|------------|-----------|--|---|
| 256-176-6 |  | 44992-01-0 | 264-150-0 | Paraffin waxes and Hydrocarbon waxes, chloro   | 63449-39-8  |
|           | [2-(acryloyloxy)ethyl]trimethylammonium chloride<br>C <sub>8</sub> H <sub>16</sub> NO <sub>2</sub> Cl  |            | 264-347-1 | 4-diazo-3,4-dihydro-7-nitro-3-oxonaphthalene-1-sulphonic acid<br>C <sub>10</sub> H <sub>5</sub> N <sub>3</sub> O <sub>6</sub> S  | 63589-25-3  |
| 256-735-4 |  | 50723-80-3 | 264-459-0 | ammonium hydrogen dipropionate C <sub>3</sub> H <sub>6</sub> O <sub>2</sub> .1/2H <sub>3</sub> N   | 63785-12-6  |
|           | 3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i> )-one 2,2-dioxide,<br>sodium salt C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub> S.Na                |            | 264-848-5 | Resin acids and Rosin acids, hydrogenated, esters with pentae-<br>rythritol  | 64365-17-9  |
| 256-759-5 | diisobutyl malonate C <sub>11</sub> H <sub>20</sub> O <sub>4</sub>   | 50780-99-9 | 266-010-4 | Coke (coal)<br>The cellular carbonaceous mass resulting from the high temper-<br>ature (greater than 700°C (1292°F))destructive distillation<br>of coal. Composed primarily of carbon. May contain varying<br>amounts of sulfur and ash.   | 65996-77-2  |
| 257-098-5 | C.I. Pigment Yellow 42<br>This substance is identified in the Colour Index by Colour<br>Index Constitution Number, C.I. 77492.   | 51274-00-1 | 266-027-7 | Distillates (coal tar)<br>The distillate from coal tar having an approximate distillation<br>range of 100°C to 450°C (212°F to 842°F). Composed<br>primarily of two to four membered condensed ring<br>aromatic hydrocarbons, phenolic compounds, and aromatic<br>nitrogen bases.  | 65996-92-1  |
| 257-180-0 | 2-(4-isobutylphenyl)propionaldehyde C <sub>13</sub> H <sub>18</sub> O  | 51407-46-6 | 266-028-2 | Pitch, coal tar, high-temp.<br>The residue from the distillation of high temperature coal tar.<br>A black solid with an approximate softening point from<br>30°C to 180°C (86°F to 356°F). Composed primarily of a<br>complex mixture of three or more membered condensed<br>ring aromatic hydrocarbons.   | 65996-93-2  |
| 257-413-6 | isoheptan-1-ol C <sub>7</sub> H <sub>16</sub> O  | 51774-11-9 | 266-030-3 | Superphosphates, concd.<br>Substance obtained by acidulating phosphate rock with<br>phosphoric acid. Normally characterized as containing 40%<br>or more available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> ). Composed<br>primarily of calcium phosphate.  | 65996-95-4  |
| 258-290-1 | salinomycin C <sub>42</sub> H <sub>70</sub> O <sub>11</sub>  | 53003-10-4 | 266-041-3 | Rosin, hydrogenated  | 65997-06-0  |
| 258-556-7 | 2,2,4(or 2,4,4)-trimethyladipic acid C <sub>9</sub> H <sub>16</sub> O <sub>4</sub>   | 53445-37-7 | 266-042-9 | Resin acids and Rosin acids, hydrogenated, esters with glycerol  | 65997-13-9  |
| 258-587-6 | isopropyl 3-methyl-3-( <i>p</i> -isobutylphenyl)oxirane-2-carboxylate<br>C <sub>17</sub> H <sub>24</sub> O <sub>3</sub>  | 53500-83-7 | 266-043-4 | Cement, portland, chemicals<br>Portland cement is a mixture of chemical substances produced<br>by burning or sintering at high temperatures (greater than<br>1200°C (2192°F))raw materials which are predominantly<br>calcium carbonate, aluminium oxide, silica, and iron oxide.<br>The chemical substances which are manufactured are<br>confined in a crystalline mass. This category includes all of<br>the chemical substances specified below when they are<br>intentionally manufactured in the production of Portland<br>cement. The primary members of the category are Ca <sub>2</sub> SiO <sub>4</sub><br>and Ca <sub>3</sub> SiO <sub>5</sub> . Other compounds listed below may also be<br>included in combination with these primary substances. | 65997-15-1  |
| 258-649-2 | dibenzylbenzene, <i>ar</i> -methyl derivative C <sub>21</sub> H <sub>20</sub>  | 53585-53-8 |           | CaAl <sub>2</sub> O <sub>4</sub>   | Ca <sub>2</sub> Al <sub>2</sub> SiO <sub>7</sub>                  |
| 259-537-6 | $\alpha$ - <i>tert</i> -butyl- $\beta$ -(4-chlorophenoxy)-1 <i>H</i> -1,2,4-triazole-1-ethanol<br>C <sub>14</sub> H <sub>18</sub> ClN <sub>3</sub> O <sub>2</sub>              | 55219-65-3 |           | CaAl <sub>4</sub> O <sub>7</sub>   | Ca <sub>4</sub> Al <sub>6</sub> SO <sub>16</sub>                  |
| 261-204-5 | sodium bis[4-hydroxy-3-[(2-hydroxy-1-naphthyl)azo]benzene-<br>sulphonamido(2-)]cobaltate(1-) C <sub>32</sub> H <sub>22</sub> CoN <sub>6</sub> O <sub>8</sub> S <sub>2</sub> Na | 58302-43-5 |           | CaAl <sub>12</sub> O <sub>19</sub>   | Ca <sub>12</sub> Al <sub>14</sub> Cl <sub>2</sub> O <sub>32</sub> |
| 261-233-3 | Boric acid (H <sub>3</sub> BO <sub>3</sub> ), ester with 2-[2-(2-methoxyethoxy)ethoxy]-<br>ethanol and 2,2'-oxybis[ethanol]  | 58391-97-2 |           | Ca <sub>3</sub> Al <sub>2</sub> O <sub>6</sub>   | Ca <sub>12</sub> Al <sub>14</sub> F <sub>2</sub> O <sub>32</sub>  |
| 262-373-8 | Silica, vitreous O <sub>2</sub> Si   | 60676-86-0 |           | Ca <sub>12</sub> Al <sub>14</sub> O <sub>33</sub>  | Ca <sub>4</sub> Al <sub>2</sub> Fe <sub>2</sub> O <sub>10</sub>   |
| 262-967-7 | Terphenyl, hydrogenated  | 61788-32-7 |           | CaO  | Ca <sub>6</sub> Al <sub>4</sub> Fe <sub>2</sub> O <sub>15</sub>   |
| 262-977-1 | Amines, coco alkyl   | 61788-46-3 |           | Ca <sub>2</sub> Fe <sub>2</sub> O <sub>3</sub>   |   |
| 263-004-3 | Alkanes, chloro  | 61788-76-9 |           |  |   |
| 263-055-1 | Naphthenic acids, calcium salts  | 61789-36-4 |           |  |   |
| 263-058-8 | 1-Propanaminium, 3-amino- <i>N</i> -(carboxymethyl)- <i>N,N</i> - <i>c</i> -<br>dimethyl-, <i>N</i> -coco acyl derivs., hydroxides, inner salts                                | 61789-40-0 |           |  |   |
| 263-064-0 | Naphthenic acids, cobalt salts   | 61789-51-3 |           |  |   |
| 263-066-1 | Nitriles, coco   | 61789-53-5 |           |  |   |
| 263-107-3 | Fatty acids, tall-oil  | 61790-12-3 |           |  |   |
| 263-120-4 | Nitriles, tallow   | 61790-28-1 |           |  |   |
| 263-125-1 | Amines, tallow alkyl   | 61790-33-8 |           |  |   |

| EINECS no        | group   | CAS no            | EINECS no        | group   | CAS no            |
|------------------|---|-------------------|------------------|---|-------------------|
| <b>266-047-6</b> | Frits, chemicals<br>Frit is a mixture of inorganic chemical substances produced by rapidly quenching a molten, complex combination of materials, confining the chemical substances thus manufactured as nonmigratory components of glassy solid flakes or granules. This category includes all of the chemical substances specified below when they are intentionally manufactured in the production of frit. The primary members of this category are oxides of some or all of the elements listed below. Fluorides of these elements may also be included in combination with these primary substances. | <b>65997-18-4</b> | <b>268-531-2</b> | Imidazolium compounds, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), Me sulfates  | <b>68122-86-1</b> |
|                  | Aluminum  | Manganese         | <b>268-589-9</b> | Sulfuric acid, mono-C <sub>8-18</sub> -alkyl esters, sodium salts   | <b>68130-43-8</b> |
|                  | Antimony  | Molybdenum        | <b>268-626-9</b> | Amines, polyethylenepoly-   | <b>68131-73-7</b> |
|                  | Arsenic   | Neodymium         | <b>268-770-2</b> | Amides, coco, N-(hydroxyethyl)  | <b>68140-00-1</b> |
|                  | Barium  | Nickel            | <b>268-860-1</b> | Naphthalenesulfonic acids   | <b>68153-01-5</b> |
|                  | Bismuth   | Niobium           | <b>268-930-1</b> | Alcohols, C <sub>14-18</sub> and C <sub>16-18</sub> -unsatd.<br>This substance is identified by SDA Substance Name : C <sub>14-C18</sub><br>and C <sub>16-C18</sub> unsaturated alkyl alcohol and SDA Reporting<br>Number : 04-060-00.  | <b>68155-00-0</b> |
|                  | Boron   | Phosphorus        | <b>269-127-9</b> | Oils, fish, bisulfited  | <b>68187-82-6</b> |
|                  | Cadmium   | Potassium         | <b>269-227-2</b> | Resin acids and Rosin acids, fumarated, sodium salt   | <b>68201-59-2</b> |
|                  | Calcium   | Silicon           | <b>269-228-8</b> | Resin acids and Rosin acids, maleated, sodium salts   | <b>68201-60-5</b> |
|                  | Cerium  | Silver            | <b>269-587-0</b> | 2-[(2-hydroxyethyl)amino]ethyl dihydrogen orthoborate<br>C <sub>4</sub> H <sub>12</sub> BNO <sub>4</sub>  | <b>68298-96-4</b> |
|                  | Chromium  | Sodium            | <b>269-798-8</b> | Benzene, (1-methylethyl)-, oxidized, polyphenyl residues<br>The non-volatile, high-boiling residue from the distillation of<br>products from cumene-phenol process. It consists predom-<br>inantly of substituted phenyl groups crosslinked by carbon-o<br>xygen bonds and phenylaliphatic bonds. | <b>68333-89-1</b> |
|                  | Cobalt  | Strontium         | <b>269-922-0</b> | Quaternary ammonium compounds, C <sub>12-18</sub> -alkyltrimethyl,<br>chlorides<br>This substance is identified by SDA Substance Name : C <sub>12-C18</sub><br>alkyl trimethyl ammonium chloride and SDA Reporting<br>Number : 16-045-00.   | <b>68391-03-7</b> |
|                  | Copper  | Tin               | <b>270-115-0</b> | Benzenesulfonic acid, C <sub>10-13</sub> -alkyl derivs., sodium salts   | <b>68411-30-3</b> |
|                  | Gold  | Titanium          | <b>270-184-7</b> | Silicic acid (H <sub>4</sub> SiO <sub>4</sub> ), tetraethyl ester, hydrolyzed   | <b>68412-37-3</b> |
|                  | Iron  | Tungsten          | <b>270-407-8</b> | Sulfonic acids, C <sub>14-16</sub> -alkane hydroxy and C <sub>14-16</sub> -alkene, sodium<br>salts  | <b>68439-57-6</b> |
|                  | Lanthanum   | Vanadium          | <b>270-461-2</b> | Resin acids and Rosin acids, magnesium salts  | <b>68440-56-2</b> |
|                  | Lead  | Zinc              | <b>270-486-9</b> | Benzene, mono-C <sub>10-14</sub> -alkyl derivs.   | <b>68442-69-3</b> |
|                  | Lithium   | Zirconium         | <b>270-691-3</b> | Hydrocarbons, C <sub>4</sub> , ethylene-manuf.-by-product<br>A complex combination of hydrocarbons produced by distil-<br>lation of products from a cracking process in an ethylene<br>plant. It consists predominantly of C <sub>4</sub> hydrocarbons.   | <b>68476-52-8</b> |
|                  | Magnesium   |                   |                  |   |                   |
| <b>266-639-4</b> | 4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine   | <b>67306-03-0</b> |                  |   |                   |
|                  |   |                   |                  |   |                   |
| <b>267-006-5</b> | Alcohols, C <sub>12-18</sub><br>This substance is identified by SDA Substance Name : C <sub>12-C18</sub><br>alkyl alcohol and SDA Reporting Number : 16-060-00.   | <b>67762-25-8</b> |                  |   |                   |
| <b>267-008-6</b> | Alcohols, C <sub>16-18</sub><br>This substance is identified by SDA Substance Name : C <sub>16-C18</sub><br>alkyl alcohol and SDA Reporting Number : 19-060-00.   | <b>67762-27-0</b> |                  |   |                   |
| <b>267-009-1</b> | Alcohols, C <sub>14-18</sub><br>This substance is identified by SDA Substance Name : C <sub>14-C18</sub><br>alkyl alcohol and SDA Reporting Number : 17-060-00.   | <b>67762-30-5</b> |                  |   |                   |
| <b>267-019-6</b> | Alcohols, C <sub>10-16</sub><br>This substance is identified by SDA Substance Name : C <sub>10-C16</sub><br>alkyl alcohol and SDA Reporting Number : 15-060-00.   | <b>67762-41-8</b> |                  |   |                   |
| <b>267-051-0</b> | Benzene, C <sub>10-13</sub> -alkyl derivs.  | <b>67774-74-7</b> |                  |   |                   |
| <b>268-106-1</b> | Alcohols, C <sub>16-18</sub> and C <sub>18</sub> -unsatd.<br>This substance is identified by SDA Substance Name : C <sub>16-C18</sub><br>and C <sub>18</sub> unsaturated alkyl alcohol and SDA Reporting<br>Number : 11-060-00.   | <b>68002-94-8</b> |                  |   |                   |
| <b>268-213-3</b> | Sulfonic acids, C <sub>10-18</sub> -alkane, sodium salts  | <b>68037-49-0</b> |                  |   |                   |

| EINECS no | group   | CAS no     | EINECS no | group  | CAS no     |
|-----------|---|------------|-----------|--|------------|
| 271-067-3 | Benzene, C <sub>1-9</sub> -alkyl derivs.  | 68515-25-3 | 272-647-9 | propane-1,3-diylbis(oxypropane-1,3-diyl)diacrylate<br>C <sub>14</sub> H <sub>28</sub> Cl <sub>4</sub> Cr <sub>2</sub> F <sub>9</sub> NO <sub>9</sub> S   | 68901-05-3 |
| 271-073-6 | Benzene, mono-C <sub>12-14</sub> -alkyl derivs., fractionation bottoms<br>The bottoms from fractionation boiling approximately above 360°C (680°F).   | 68515-32-2 | 272-740-4 | Sulfonic acids, alkane, chloro, sodium salts   | 68910-45-2 |
| 271-083-0 | 1,2-Benzenedicarboxylic acid, di-C <sub>7-9</sub> -branched and linear alkyl esters   | 68515-41-3 | 272-924-4 | Alkanes, C <sub>6-18</sub> , chloro  | 68920-70-7 |
| 271-085-1 | 1,2-Benzenedicarboxylic acid, di-C <sub>9-11</sub> -branched and linear alkyl esters  | 68515-43-5 | 273-050-6 | Benzene, (1-methylethyl)-, distn. residues<br>The complex combination of hydrocarbons produced by the distillation of products from cumene manufacturing process. It consists primarily of diisopropylbenzene with various small amounts of C <sub>4</sub> substituted benzenes and heavier non-aromatic hydrocarbons. | 68936-98-1 |
| 271-212-0 | Alkenes, C <sub>8-10</sub> , C <sub>9</sub> -rich   | 68526-55-6 | 273-094-6 | Fatty acids, C <sub>6-10</sub> , Me esters   | 68937-83-7 |
| 271-231-4 | Alcohols, C <sub>7-9</sub> -iso-, C <sub>8</sub> -rich  | 68526-83-0 | 273-095-1 | Fatty acids, C <sub>12-18</sub> , Me esters<br>This substance is identified by SDA Substance Name : C <sub>17</sub> -C <sub>18</sub> alkyl carboxylic acid methyl ester and SDA Reporting Number : 16-010-00.  | 68937-84-8 |
| 271-233-5 | Alcohols, C <sub>8-10</sub> -iso-, C <sub>9</sub> -rich   | 68526-84-1 | 273-114-3 | Fatty acids, C <sub>9-13</sub> -neo-   | 68938-07-8 |
| 271-234-0 | Alcohols, C <sub>9-11</sub> -iso-, C <sub>10</sub> -rich  | 68526-85-2 | 273-281-2 | Amines, C <sub>12-18</sub> -alkyldimethyl, N-oxides<br>This substance is identified by SDA Substance Name : C <sub>17</sub> -C <sub>18</sub> alkyl dimethyl amine oxide and SDA Reporting Number : 16-041-00.  | 68955-55-5 |
| 271-235-6 | Alcohols, C <sub>11-14</sub> -iso-, C <sub>13</sub> -rich   | 68526-86-3 | 273-295-9 | Fatty acids, C <sub>16-18</sub> and C <sub>18</sub> -unsatd., branched and linear  | 68955-98-6 |
| 271-363-2 | 1-Propene, hydroformylation products, high-boiling<br>A complex combination of products produced by the distillation of products from the hydrogenation of butanal from the hydroformylation of propene. It consists predominantly of organic compounds such as aldehydes, alcohols, esters, ethers and carboxylic acids having carbon numbers in the range of C <sub>4</sub> -C <sub>32</sub> and boiling in the range of approximately 143°C to 282°C (289°F to 540°F). | 68551-11-1 | 274-367-2 | ammonium tetraformate CH <sub>2</sub> O <sub>2</sub> .1/4H <sub>3</sub> N  | 70179-79-2 |
| 271-528-9 | Benzenesulfonic acid, C <sub>10-16</sub> -alkyl derivs.<br>This substance is identified by SDA Substance Name : C <sub>10</sub> -C <sub>16</sub> alkyl benzene sulfonic acid and SDA Reporting Number : 15-080-00.  | 68584-22-5 | 276-451-4 | 4,4'-bis[[4-[bis(2-hydroxyethyl)amino]-6-[(4-sulphophenyl)amino]-1,3,5-triazin-2-yl]amino]stilbene-2,2'-disulphonic acid, potassium sodium salt C <sub>40</sub> H <sub>44</sub> N <sub>12</sub> O <sub>16</sub> S <sub>4</sub> .xK.xNa   | 72187-40-7 |
| 271-642-9 | Alcohols, C <sub>6-12</sub><br>This substance is identified by SDA Substance Name : C <sub>6</sub> -C <sub>12</sub> alkyl alcohol and SDA Reporting Number : 13-060-00.   | 68603-15-6 | 277-704-1 | 2-chloro-6-nitro-3-phenoxyaniline C <sub>12</sub> H <sub>9</sub> ClN <sub>2</sub> O <sub>3</sub>   | 74070-46-5 |
| 271-657-0 | Amides, coco, N,N-bis(hydroxyethyl)   | 68603-42-9 | 278-404-3 | dichloro[(dichlorophenyl)methyl]methylbenzene C <sub>14</sub> H <sub>10</sub> Cl <sub>4</sub>  | 76253-60-6 |
| 271-678-5 | Carboxylic acids, di-, C <sub>4-6</sub>   | 68603-87-2 | 279-420-3 | Alcohols, C <sub>12-14</sub>   | 80206-82-2 |
| 271-774-7 | Sulfonic acids, alkane, sodium salts  | 68608-15-1 | 280-895-4 | di-tert-dodecyl trisulphide C <sub>24</sub> H <sub>50</sub> S <sub>3</sub>   | 83803-77-4 |
| 271-801-2 | Benzene, C <sub>6-12</sub> -alkyl derivs.<br>This substance is identified by SDA Substance Name : C <sub>6</sub> -C <sub>12</sub> alkyl benzene and SDA Reporting Number : 13-079-00.   | 68608-80-0 | 281-018-8 | Benzoic acid, 2-hydroxy-, mono-C <sub>&gt;13</sub> -alkyl derivs., calcium salts (2:1)   | 83846-43-9 |
| 271-893-4 | Silane, dichlorodimethyl-, reaction products with silica  | 68611-44-9 | 283-810-9 | 2,2,4(or 2,4,4)-trimethylhexanedinitrile C <sub>9</sub> H <sub>14</sub> N <sub>2</sub>   | 84713-17-7 |
| 272-490-6 | Alcohols, C <sub>12-16</sub>  | 68855-56-1 | 284-090-9 | calcium(II)isooctanoate C <sub>8</sub> H <sub>16</sub> O <sub>2</sub> .1/2Ca   | 84777-61-7 |
| 272-492-7 | Alkenes, C <sub>10-16</sub> α-<br>This substance is identified by SDA Substance Name : C <sub>10</sub> -C <sub>16</sub> alkyl alpha olefin and SDA Reporting Number : 15-057-00.  | 68855-58-3 | 284-315-0 | 1,2-Benzenedicarboxylic acid, di-C <sub>7-10</sub> -isoalkyl esters  | 84852-06-2 |
|           |   |            | 284-660-7 | Benzene, mono-C <sub>10-13</sub> -alkyl derivs., distn. residues   | 84961-70-6 |

| EINECS no | group   | CAS no     | EINECS no | group  | CAS no     |
|-----------|---|------------|-----------|--|------------|
| 284-895-5 | Tar acids, xylene fraction<br>The fraction of tar acids, rich in 2,4- and 2,5-dimethylphenol, recovered by distillation of low-temperature coal tar crude tar acids.  | 84989-06-0 | 290-660-8 | Benzenesulfonic acid, mono-C <sub>15-36</sub> -branched alkyl derivs., calcium salts   | 90194-49-3 |
| 285-207-6 | Fatty acids, C <sub>16-18</sub> and C <sub>18</sub> -unsatd., 2-ethylhexyl esters   | 85049-37-2 | 291-554-4 | Lead, 2-ethylhexanoate iso-octanoate complexes, basic  | 90431-32-6 |
| 286-490-9 | Glycerides, C <sub>16-18</sub> mono- and di-  | 85251-77-0 | 292-426-0 | Alkenes, C <sub>8-9</sub> , hydroformylation products, distn. residues   | 90622-26-7 |
| 287-032-0 | Fatty acids, C <sub>8-18</sub> and C <sub>16-18</sub> -unsatd., sodium salts  | 85408-69-1 | 292-463-2 | Alkenes, C <sub>12-14</sub> α-   | 90622-61-0 |
| 287-075-5 | Glycerides, C <sub>8-10</sub>   | 85409-09-2 | 292-694-9 | Aromatic hydrocarbons, C <sub>8</sub>  | 90989-38-1 |
| 287-476-5 | Alkanes, C <sub>10-13</sub> , chloro  | 85535-84-8 | 292-701-5 | Aromatic hydrocarbons, C <sub>7-10</sub> , ethylene-manuf.-by-product  | 90989-44-9 |
| 287-477-0 | Alkanes, C <sub>14-17</sub> , chloro  | 85535-85-9 | 292-951-5 | Fatty acids, C <sub>16-18</sub> , 2-ethylhexyl esters  | 91031-48-0 |
| 287-479-1 | Alkenes, C <sub>10-13</sub>   | 85535-87-1 | 293-086-6 | Fatty acids, palm-oil, Me esters   | 91051-34-2 |
| 287-493-8 | Formic acid, C <sub>8-10</sub> -isoalkyl esters, C <sub>9</sub> -rich   | 85536-13-6 | 293-145-6 | Fatty acids, tallow, Me esters, distn. residues  | 91051-89-7 |
| 287-494-3 | Benzenesulfonic acid, 4-C <sub>10-13</sub> -sec-alkyl derivs.   | 85536-14-7 | 293-263-8 | Hydrocarbons, C <sub>4</sub> , 1,3-butadiene-free, polymd., triisobutylene fraction<br>A complex combination of hydrocarbons obtained from distillation of the butadiene-free C <sub>4</sub> fraction of a naphtha steam-cracking process. It consists predominantly of olefinic hydrocarbons having carbon numbers of C <sub>8</sub> , C <sub>12</sub> , C <sub>16</sub> and C <sub>20</sub> and boiling in the range of approximately 170°C to 185°C (338°F to 365°F). | 91053-01-9 |
| 287-625-4 | Alcohols, C <sub>13-15</sub> -branched and linear   | 85566-16-1 | 293-346-9 | Naphthalenesulfonic acids, branched and linear Bu derivs., sodium salts  | 91078-64-7 |
| 287-735-2 | 2,5,8,10,13,16,17,20,23-nonaoxa-1,9-diborabicyclo[7.7.7] <sub>2</sub> tricosane C <sub>12</sub> H <sub>24</sub> B <sub>2</sub> O <sub>9</sub>   | 85567-22-2 | 293-721-7 | Sulfonic acids, C <sub>15-25</sub> -alkane, chloro, sodium salts   | 91082-11-0 |
| 288-284-4 | Alcohols, C <sub>9-11</sub> -branched and linear  | 85711-26-8 | 293-728-5 | Sulfonic acids, C <sub>10-21</sub> -alkane, Ph esters  | 91082-17-6 |
| 288-331-9 | Sulfonic acids, C <sub>14-18</sub> -sec-alkane, sodium salts  | 85711-70-2 | 293-741-6 | Sulfonyl chlorides, C <sub>10-21</sub> -alkane   | 91082-29-0 |
| 288-474-7 | Quaternary ammonium compounds, C <sub>12-18</sub> -alkyl(hydroxyethyl)-dimethyl, chlorides  | 85736-63-6 | 293-744-2 | Sulfonyl chlorides, C <sub>16-34</sub> -alkane, chloro   | 91082-32-5 |
| 289-151-3 | Imidazolium compounds, 4,5-dihydro-1-methyl-2-nortallow alkyl-3-(2-tallow amidoethyl), Me sulfates  | 86088-85-9 | 294-557-9 | Hydrocarbons, C <sub>5-7</sub> , C <sub>6</sub> -rich, ethylene manuf. by-products   | 91723-50-1 |
| 289-219-2 | Alkenes, C <sub>8-10</sub> α-   | 86290-80-4 | 294-595-6 | Glycerides, C <sub>10-18</sub> mono-, di- and tri-   | 91744-33-1 |
| 290-178-8 | Plantain, <i>Plantago ovata</i> , ext.<br>Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from <i>Plantago ovata</i> , Plantaginaceae. | 90082-86-3 | 295-548-2 | Tar bases, coal, picoline fraction<br>Pyridine bases boiling in the range of approximately 125°C to 160°C (257°F to 320°F) obtained by distillation of neutralized acid extract of the base-containing tar fraction obtained by the distillation of bituminous coal tars. Composed chiefly of lutidines and picolines.   | 92062-33-4 |
| 290-580-3 | 1,2-Benzenedicarboxylic acid, di-C <sub>16-18</sub> -alkyl esters   | 90193-76-3 | 295-571-8 | Hypochlorous acid, reaction products with propene, dichloro-propane residues   | 92112-70-4 |
| 290-597-6 | 1,2-Benzenedicarboxylic acid, mixed decyl and heptyl and hexyl and octyl diesters   | 90193-91-2 | 295-766-8 | Hydrocarbons, unsatd., distn. residues   | 92128-69-3 |
| 290-644-0 | Benzenesulfonic acid, mono-C <sub>1-18</sub> -alkyl derivs.   | 90194-34-6 | 295-885-5 | Sulfonic acids, C <sub>19-31</sub> -alkane, sodium salts   | 92129-83-4 |
| 290-658-7 | Benzenesulfonic acid, mono-C <sub>15-36</sub> -branched alkyl derivs.   | 90194-47-1 |           |  |            |

| EINECS no  | group | CAS no      | EINECS no   | group | CAS no      |
|--|-------|-------------|---|-------|-------------|
| 297-626-1  |       | 93685-78-0  | 310-085-9   |       | 102242-54-6 |
| Hydrocarbons, C <sub>4</sub> , 1,3-butadiene-free, polymd., dibutylene fraction, hydrogenated  |       |             | Fatty acids, C <sub>12-24</sub> -unsatd., distn. residues   |       |             |
| 297-628-2  |       | 93685-80-4  | The complex residue resulting from the distillation of C <sub>12-24</sub> unsatd. fatty acids which is derived from saponification of natural fats having a carbon range of C <sub>12-24</sub> . It consists predominantly of glycerides of C <sub>12-24</sub> unsatd. fatty acids, sterols, and wax esters and boils at > 150°C (302°F) at 10 torr.  |       |             |
| Hydrocarbons, C <sub>4</sub> , 1,3-butadiene-free, polymd., tetraisobutylene fraction, hydrogenated  |       |             | 232-298-5   | 1     | 8002-05-9   |
| 297-629-8  |       | 93685-81-5  | Petroleum   |       |             |
| Hydrocarbons, C <sub>4</sub> , 1,3-butadiene-free, polymd., triisobutylene fraction, hydrogenated  |       |             | A complex combination of hydrocarbons. It consists predominantly of aliphatic, alicyclic and aromatic hydrocarbons. It may also contain small amounts of nitrogen, oxygen and sulfur compounds. This category encompasses light, medium, and heavy petroleum, as well as the oils extracted from tar sands. Hydrocarbonaceous materials requiring major chemical changes for their recovery or conversion to petroleum refinery feedstocks such as crude shale oils, upgraded shale oils and liquid coal fuels are not included in this definition. |       |             |
| 298-697-1  |       | 93821-12-6  | 232-343-9   | 2     | 8006-14-2   |
| Alkenes, C <sub>10-14</sub> -branched and linear, C <sub>12</sub> -rich  |       |             | Natural gas   |       |             |
| 300-949-3  |       | 93965-02-7  | Raw natural gas, as found in nature, or a gaseous combination of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> separated from raw natural gas by the removal of natural gas condensate, natural gas liquid, and natural gas condensate/natural gas.  |       |             |
| 4,4'-bis[[4-[bis(2-hydroxyethyl)amino]-6-[(4-sulphophenyl)amino]-1,3,5-triazin-2-yl]amino]stilbene-2,2'-disulphonic acid, sodium salt, compound with 2,2'-iminodiethanol C <sub>40</sub> H <sub>44</sub> N <sub>12</sub> O <sub>16</sub> S <sub>4</sub> ·xC <sub>4</sub> H <sub>11</sub> NO <sub>2</sub> ·xNa  |       |             | 268-629-5   | 2     | 68131-75-9  |
| 302-189-8  |       | 94094-87-8  | Gases (petroleum), C <sub>3-4</sub>   |       |             |
| Naphthalenesulfonic acids, reaction products with formaldehyde and sulfonylbis[phenol], ammonium salts   |       |             | A complex combination of hydrocarbons produced by distillation of products from the cracking of crude oil. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>4</sub> , predominantly of propane and propylene, and boiling in the range of approximately -51°C to -1°C (-60°F to 30°F).   |       |             |
| 302-613-1  |       | 94113-79-8  | 269-624-0   | 2     | 68308-04-3  |
| Aldehydes, C <sub>12-18</sub>  |       |             | Tail gas (petroleum), gas recovery plant  |       |             |
| 304-180-4  |       | 94247-05-9  | A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .   |       |             |
| isotridecyl methacrylate C <sub>17</sub> H <sub>32</sub> O <sub>2</sub>  |       |             | 269-625-6   | 2     | 68308-05-4  |
| 305-180-7  |       | 94349-61-8  | Tail gas (petroleum), gas recovery plant deethanizer  |       |             |
| Aldehydes, C <sub>7-12</sub>   |       |             | A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists of hydrocarbon having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .  |       |             |
| 306-479-5  |       | 97280-83-6  | 270-071-2   | 2     | 68409-99-4  |
| Dodecene, branched   |       |             | Gases (petroleum), catalytic cracked overheads  |       |             |
| 306-523-3  |       | 97281-24-8  | A complex combination of hydrocarbons produced by the distillation of products from the catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> and boiling in the range of approximately -48°C to 32°C (-54°F to 90°F).  |       |             |
| Fatty acids, C <sub>8-10</sub> , mixed esters with neopentyl glycol and trimethylolpropane   |       |             | 270-085-9   | 2     | 68410-63-9  |
| 307-146-7  |       | 97552-93-7  | Natural gas, dried  |       |             |
| Alcohols, C <sub>12-14</sub> , reaction products with dimethylamine  |       |             | A complex combination of hydrocarbons separated from natural gas. It consists of saturated aliphatic hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>4</sub> , predominantly methane and ethane.   |       |             |
| 307-159-8  |       | 97553-05-4  |   |       |             |
| Fatty acids, C <sub>16-18</sub> and C <sub>16</sub> -unsatd., isooctyl esters, epoxidized  |       |             |   |       |             |
| 309-928-3  |       | 101357-30-6 |   |       |             |
| Silicic acid, aluminum sodium salt, sulfurized   |       |             |   |       |             |
| 310-080-1  |       | 102242-49-9 |   |       |             |
| Alcohols, C <sub>6-24</sub> , distn. residues  |       |             |   |       |             |
| The complex residue resulting from the vacuum distillation of C <sub>6-24</sub> fatty alcohols which is derived from hydrogenation of C <sub>6-24</sub> fatty acids methyl esters. It consists predominantly of satd. fatty alcohols having carbon numbers greater than C <sub>18</sub> , dimerization products, and long chain esters having carbon numbers greater than C <sub>32</sub> and boils at > 250°C (482°F) at 10 torr. |       |             |   |       |             |
| 310-084-3  |       | 102242-53-5 |   |       |             |
| Fatty acids, C <sub>6-24</sub> , distn. residues   |       |             |   |       |             |
| The complex residue resulting from the distillation of C <sub>6-24</sub> fatty acids which is derived from hydrogenation of saponified natural fats having carbon numbers in the range of C <sub>6-24</sub> . It consists predominantly of glycerides of C <sub>6-24</sub> fatty acids, sterols, and wax esters and boils at > 150°C (302°F) at 10 torr.   |       |             |   |       |             |

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|--|-------|------------|---|-------|------------|
| 270-651-5<br>Alkanes, C <sub>1-2</sub>   | 2     | 68475-57-0 | 270-754-5<br>Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C <sub>3-5</sub> -rich   | 2     | 68477-72-5 |
| 270-652-0<br>Alkanes, C <sub>2-3</sub>   | 2     | 68475-58-1 | A complex combination of hydrocarbons obtained from the stabilization of catalytic cracked naphtha. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> .   |       |            |
| 270-653-6<br>Alkanes, C <sub>3-4</sub>   | 2     | 68475-59-2 | 270-757-1<br>Gases (petroleum), catalytic cracker, C <sub>1-5</sub> -rich   | 2     | 68477-75-8 |
| 270-654-1<br>Alkanes, C <sub>4-5</sub>   | 2     | 68475-60-5 | A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> , predominantly C <sub>1</sub> through C <sub>5</sub> .   |       |            |
| 270-667-2<br>Fuel gases<br>A combination of light gases. It consists predominantly of hydrogen and/or low molecular weight hydrocarbons.   | 2     | 68476-26-6 | 270-760-8<br>Gases (petroleum), catalytic reformer, C <sub>1-4</sub> -rich  | 2     | 68477-79-2 |
| 270-670-9<br>Fuel gases, crude oil distillates<br>A complex combination of light gases produced by distillation of crude oil and by catalytic reforming of naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> and boiling in the range of approximately -217°C to -12°C (-423°F to 10°F).   | 2     | 68476-29-9 | A complex combination of hydrocarbons produced by distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> , predominantly C <sub>1</sub> through C <sub>4</sub> .  |       |            |
| 270-681-9<br>Hydrocarbons, C <sub>3-4</sub>  | 2     | 68476-40-4 | 270-765-5<br>Gases (petroleum), C <sub>3-5</sub> olefinic-paraffinic alkylation feed  | 2     | 68477-83-8 |
| 270-682-4<br>Hydrocarbons, C <sub>4-5</sub>  | 2     | 68476-42-6 | A complex combination of olefinic and paraffinic hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> which are used as alkylation feed. Ambient temperatures normally exceed the critical temperature of these combinations.   |       |            |
| 270-689-2<br>Hydrocarbons, C <sub>2-4</sub> , C <sub>3</sub> -rich   | 2     | 68476-49-3 | 270-767-6<br>Gases (petroleum), C <sub>4</sub> -rich  | 2     | 68477-85-0 |
| 270-704-2<br>Petroleum gases, liquefied<br>A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>7</sub> and boiling in the range of approximately -40°C to 80°C (-40°F to 176°F).  | 2     | 68476-85-7 | A complex combination of hydrocarbons produced by distillation of products from a catalytic fractionation process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly C <sub>4</sub> .   |       |            |
| 270-705-8<br>Petroleum gases, liquefied, sweetened<br>A complex combination of hydrocarbons obtained by subjecting liquefied petroleum gas mix to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>7</sub> and boiling in the range of approximately -40°C to 80°C (-40°F to 176°F).                               | 2     | 68476-86-8 | 270-769-7<br>Gases (petroleum), deisobutanizer tower overheads  | 2     | 68477-87-2 |
| 270-724-1<br>gases (petroleum), C <sub>3-4</sub> , isobutane-rich<br>A complex combination of hydrocarbons from the distillation of saturated and unsaturated hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>6</sub> , predominantly butane and isobutane. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>4</sub> , predominantly isobutane. | 2     | 68477-33-8 | A complex combination of hydrocarbons produced by the atmospheric distillation of a butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>4</sub> .   |       |            |
| 270-726-2<br>Distillates (petroleum), C <sub>3-6</sub> , piperylene-rich<br>A complex combination of hydrocarbons from the distillation of saturated and unsaturated aliphatic hydrocarbons usually ranging in the carbon numbers C <sub>3</sub> through C <sub>6</sub> . It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>6</sub> , predominantly piperylenes.                   | 2     | 68477-35-0 | 270-773-9<br>Gases (petroleum), depropanizer overheads  | 2     | 68477-91-8 |
|  |       |            | A complex combination of hydrocarbons produced by distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .   |       |            |
|  |       |            | 270-990-9<br>Hydrocarbons, C <sub>3-4</sub> -rich, petroleum distillate   | 2     | 68512-91-4 |
|  |       |            | A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly C <sub>3</sub> through C <sub>4</sub> .   |       |            |
|  |       |            | 271-032-2<br>Hydrocarbons, C <sub>1-4</sub>   | 2     | 68514-31-8 |
|  |       |            | A complex combination of hydrocarbons produced by thermal cracking and absorber operations and by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> and boiling in the range of approximately minus 164°C to minus 0.5°C (-263°F to 31°F). |       |            |
|  |       |            | 271-038-5<br>Hydrocarbons, C <sub>1-4</sub> , sweetened   | 2     | 68514-36-3 |









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|---|-------|------------|--|-------|------------|
| 270-660-4   | 3D    | 68475-79-6 | 295-279-0  | 3D    | 91995-18-5 |
| Distillates (petroleum), catalytic reformed depentanizer<br>A complex combination of hydrocarbons from the distillation of products from a catalytic reforming process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> and boiling in the range of approximately -49°C to 63°C (-57°F to 145°F).   |       |            | Aromatic hydrocarbons, C <sub>8</sub> , catalytic reforming-derived  |       |            |
| 270-687-1   | 3D    | 68476-47-1 | 297-401-8  | 3D    | 93571-75-6 |
| Hydrocarbons, C <sub>2-6</sub> , C <sub>6-8</sub> catalytic reformer  |       |            | Aromatic hydrocarbons, C <sub>7-12</sub> , C <sub>8</sub> -rich<br>A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> (primarily C <sub>8</sub> ) and can contain nonaromatic hydrocarbons, both boiling in the range of approximately 130°C to 200°C (266°F to 392°F).          |       |            |
| 270-794-3   | 3D    | 68478-15-9 | 297-458-9  | 3D    | 93572-29-3 |
| Residues (petroleum), C <sub>6-8</sub> catalytic reformer<br>A complex residuum from the catalytic reforming of C <sub>6-8</sub> feed. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .  |       |            | Gasoline, C <sub>5-11</sub> , high-octane stabilized reformed<br>A complex high octane combination of hydrocarbons obtained by the catalytic dehydrogenation of a predominantly naphthenic naphtha. It consists predominantly of aromatics and non-aromatics having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 45°C to 185°C (113°F to 365°F).  |       |            |
| 270-993-5   | 3D    | 68513-03-1 | 297-465-7  | 3D    | 93572-35-1 |
| Naphtha (petroleum), light catalytic reformed, arom.-free<br>A complex combination of hydrocarbons obtained from distillation of products from a catalytic reforming process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>8</sub> and boiling in the range of approximately 35°C to 120°C (95°F to 248°F). It contains a relatively large proportion of branched chain hydrocarbons with the aromatic components removed. |       |            | Hydrocarbons, C <sub>7-12</sub> , C <sub>5-9</sub> -arom.-rich, reforming heavy fraction<br>A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of nonaromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 120°C to 210°C (248°F to 380°F) and C <sub>9</sub> and higher aromatic hydrocarbons. |       |            |
| 271-058-4   | 3D    | 68514-79-4 | 297-466-2  | 3D    | 93572-36-2 |
| Petroleum products, hydrofiner-powerformer reformates<br>The complex combination of hydrocarbons obtained in a hydrofiner-powerformer process and boiling in a range of approximately 27°C to 210°C (80°F to 410°F).  |       |            | Hydrocarbons, C <sub>5-11</sub> , nonaroms.-rich, reforming light fraction<br>A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of nonaromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35°C to 125°C (94°F to 257°F), benzene and toluene.  |       |            |
| 272-895-8   | 3D    | 68919-37-9 | 265-075-6  | 3E    | 64741-74-8 |
| Naphtha (petroleum), full-range reformed<br>A complex combination of hydrocarbons produced by the distillation of the products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> and boiling in the range of approximately 35°C to 230°C (95°F to 446°F).  |       |            | Naphtha (petroleum), light thermal cracked<br>A complex combination of hydrocarbons from distillation of products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> and boiling in the range of approximately minus 10°C to 130°C (14°F to 266°F).  |       |            |
| 273-271-8   | 3D    | 68955-35-1 | 265-079-8  | 3E    | 64741-78-2 |
| Naphtha (petroleum), catalytic reformed<br>A complex combination of hydrocarbons produced by the distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately 30°C to 220°C (90°F to 430°F). It contains a relatively large proportion of aromatic and branched chain hydrocarbons. This stream may contain 10 vol. % or more benzene.   |       |            | Naphtha (petroleum), heavy hydrocracked<br>A complex combination of hydrocarbons from distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65°C to 230°C (148°F to 446°F).  |       |            |
| 285-509-8   | 3D    | 85116-58-1 | 265-085-0  | 3E    | 64741-83-9 |
| Distillates (petroleum), catalytic reformed hydrotreated light, C <sub>8-12</sub> arom. fraction<br>A complex combination of alkylbenzenes obtained by the catalytic reforming of petroleum naphtha. It consists predominantly of alkylbenzenes having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>10</sub> and boiling in the range of approximately 160°C to 180°C (320°F to 356°F).   |       |            | Naphtha (petroleum), heavy thermal cracked<br>A complex combination of hydrocarbons from distillation of the products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65°C to 220°C (148°F to 428°F).  |       |            |

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|---|-------|------------|---|-------|------------|
| 267-563-4   | 3E    | 67891-79-6 |   |       |            |
| <p>Distillates (petroleum), heavy arom.<br/>The complex combination of hydrocarbons from the distillation of the products from the thermal cracking of ethane and propane. This higher boiling fraction consists predominantly of C<sub>5</sub>-C<sub>7</sub> aromatic hydrocarbons with some unsaturated aliphatic hydrocarbons having carbon number predominantly of C<sub>5</sub>. This stream may contain benzene.</p>        |       |            | <p>A complex combination of hydrocarbons produced by the distillation of products from a thermal cracking process. It consists predominantly of aromatic hydrocarbons, primarily benzene.</p>   |       |            |
| 267-565-5   | 3E    | 67891-80-9 | 295-447-3   | 3E    | 92045-65-3 |
| <p>Distillates (petroleum), light arom.<br/>The complex combination of hydrocarbons from the distillation of the products from the thermal cracking of ethane and propane. This lower boiling fraction consists predominantly of C<sub>5</sub>-C<sub>7</sub> aromatic hydrocarbons with some unsaturated aliphatic hydrocarbons having a carbon number predominantly of C<sub>5</sub>. This stream may contain benzene.</p>       |       |            | <p>Naphtha (petroleum), light thermal cracked, sweetened<br/>A complex combination of hydrocarbons obtained by subjecting a petroleum distillate from the high temperature thermal cracking of heavy oil fractions to a sweetening process to convert mercaptans. It consists predominantly of aromatics, olefins and saturated hydrocarbons boiling in the range of approximately 20°C to 100°C (68°F to 212°F).</p> |       |            |
| 270-344-6   | 3E    | 68425-29-6 | 265-150-3   | 3F    | 64742-48-9 |
| <p>Distillates (petroleum), naphtha-raffinate pyrolyzate-derived, gasoline-blending<br/>The complex combination of hydrocarbons obtained by the pyrolysis fractionation at 816°C (1500°F) of naphtha and raffinate. It consists predominantly of hydrocarbons having a carbon number of C<sub>9</sub> and boiling at approximately 204°C (400°F).</p>   |       |            | <p>Naphtha (petroleum), hydrotreated heavy<br/>A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>6</sub> through C<sub>13</sub> and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).</p>  |       |            |
| 270-658-3   | 3E    | 68475-70-7 | 265-151-9   | 3F    | 64742-49-0 |
| <p>Aromatic hydrocarbons, C<sub>6-8</sub>, naphtha-raffinate pyrolyzate-derived<br/>A complex combination of hydrocarbons obtained by the fractionation pyrolysis at 816°C (1500°F) of naphtha and raffinate. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>6</sub> through C<sub>8</sub>, including benzene.</p>  |       |            | <p>Naphtha (petroleum), hydrotreated light<br/>A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>4</sub> through C<sub>11</sub> and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).</p>                                   |       |            |
| 271-631-9   | 3E    | 68603-00-9 | 265-178-6   | 3F    | 64742-73-0 |
| <p>Distillates (petroleum), thermal cracked naphtha and gas oil<br/>A complex combination of hydrocarbons produced by distillation of thermally cracked naphtha and/or gas oil. It consists predominantly of olefinic hydrocarbons having a carbon number of C<sub>5</sub> and boiling in the range of approximately 33°C to 60°C (91°F to 140°F).</p>  |       |            | <p>Naphtha (petroleum), hydrodesulfurized light<br/>A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>4</sub> through C<sub>11</sub> and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).</p>   |       |            |
| 271-632-4   | 3E    | 68603-01-0 | 265-185-4   | 3F    | 64742-82-1 |
| <p>Distillates (petroleum), thermal cracked naphtha and gas oil, C<sub>5</sub>-dimer-contg.<br/>A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil. It consists predominantly of hydrocarbons having a carbon number of C<sub>5</sub> with some dimerized C<sub>5</sub> olefins and boiling in the range of approximately 33°C to 184°C (91°F to 363°F).</p> |       |            | <p>Naphtha (petroleum), hydrodesulfurized heavy<br/>A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>7</sub> through C<sub>12</sub> and boiling in the range of approximately 90°C to 230°C (194°F to 446°F).</p>  |       |            |
| 271-634-5   | 3E    | 68603-03-2 | 270-092-7   | 3F    | 68410-96-8 |
| <p>Distillates (petroleum), thermal cracked naphtha and gas oil, extractive<br/>A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil. It consists of paraffinic and olefinic hydrocarbons, predominantly isoamylenes such as 2-methyl-1-butene and 2-methyl-2-butene and boiling in the range of approximately 31°C to 40°C (88°F to 104°F).</p>               |       |            | <p>Distillates (petroleum), hydrotreated middle, intermediate boiling<br/>A complex combination of hydrocarbons obtained by the distillation of products from a middle distillate hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>5</sub> through C<sub>10</sub> and boiling in the range of approximately 127°C to 188°C (262°F to 370°F).</p>          |       |            |
| 273-266-0   | 3E    | 68955-29-3 | 270-093-2   | 3F    | 68410-97-9 |
| <p>Distillates (petroleum), light thermal cracked, debutanized arom.<br/>A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil. It consists of paraffinic and olefinic hydrocarbons, predominantly isoamylenes such as 2-methyl-1-butene and 2-methyl-2-butene and boiling in the range of approximately 31°C to 40°C (88°F to 104°F).</p>                      |       |            | <p>Distillates (petroleum), light distillate hydrotreating process, low-boiling<br/>A complex combination of hydrocarbons obtained by the distillation of products from the light distillate hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>6</sub> through C<sub>9</sub> and boiling in the range of approximately 3°C to 194°C (37°F to 382°F).</p>   |       |            |
|   |       |            | 285-511-9   | 3F    | 85116-60-5 |
|   |       |            | <p>Naphtha (petroleum), hydrodesulfurized thermal cracked light</p>   |       |            |



| EINECS no  | group | CAS no     | EINECS no   | group | CAS no     |
|--|-------|------------|---|-------|------------|
| 265-123-6  | 3G    | 64742-23-0 |   |       |            |
| <p>Naphtha (petroleum), chemically neutralized light</p> <p>A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>4</sub> through C<sub>11</sub> and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).</p>   |       |            | <p>hydrocarbons having carbon numbers in the range of C<sub>4</sub> through C<sub>6</sub>, predominantly C<sub>5</sub>.</p>   |       |            |
| 265-187-5  | 3G    | 64742-83-2 | 270-771-8   | 3G    | 68477-89-4 |
| <p>Naphtha (petroleum), light steam-cracked</p> <p>A complex combination of hydrocarbons obtained by the distillation of the products from a steam cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C<sub>4</sub> through C<sub>11</sub> and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F). This stream is likely to contain 10 vol. % or more benzene.</p> |       |            | <p>Distillates (petroleum), depentanizer overheads</p> <p>A complex combination of hydrocarbons obtained from a catalytic cracked gas stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C<sub>4</sub> through C<sub>6</sub>.</p>  |       |            |
| 265-199-0  | 3G    | 64742-95-6 | 270-791-7   | 3G    | 68478-12-6 |
| <p>Solvent naphtha (petroleum), light arom.</p> <p>A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>8</sub> through C<sub>10</sub> and boiling in the range of approximately 135°C to 210°C (275°F to 410°F).</p>  |       |            | <p>Residues (petroleum), butane splitter bottoms</p> <p>A complex residuum from the distillation of butane stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C<sub>4</sub> through C<sub>6</sub>.</p>   |       |            |
| 268-618-5  | 3G    | 68131-49-7 | 270-795-9   | 3G    | 68478-16-0 |
| <p>Aromatic hydrocarbons, C<sub>6-10</sub>, acid-treated, neutralized</p>  |       |            | <p>Residual oils (petroleum), deisobutanizer tower</p> <p>A complex residuum from the atmospheric distillation of the butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C<sub>4</sub> through C<sub>6</sub>.</p>  |       |            |
| 270-725-7  | 3G    | 68477-34-9 | 271-138-9   | 3G    | 68516-20-1 |
| <p>Distillates (petroleum), C<sub>3-5</sub>, 2-methyl-2-butene-rich</p> <p>A complex combination of hydrocarbons from the distillation of hydrocarbons usually ranging in carbon numbers from C<sub>3</sub> through C<sub>5</sub>, predominantly isopentane and 3-methyl-1-butene. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C<sub>3</sub> through C<sub>5</sub>, predominantly 2-methyl-2-butene.</p>           |       |            | <p>Naphtha (petroleum), steam-cracked middle arom.</p> <p>A complex combination of hydrocarbons produced by the distillation of products from a steam-cracking process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>7</sub> through C<sub>12</sub> and boiling in the range of approximately 130°C to 220°C (266°F to 428°F).</p>  |       |            |
| 270-735-1  | 3G    | 68477-50-9 | 271-262-3   | 3G    | 68527-21-9 |
| <p>Distillates (petroleum), polymd. steam-cracked petroleum distillates, C<sub>5-12</sub> fraction</p> <p>A complex combination of hydrocarbons obtained from the distillation of polymerized steam-cracked petroleum distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>5</sub> through C<sub>12</sub>.</p>  |       |            | <p>Naphtha (petroleum), clay-treated full-range straight-run</p> <p>A complex combination of hydrocarbons resulting from treatment of full-range straight-run naphtha with natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>4</sub> through C<sub>11</sub> and boiling in the range of approximately -20°C to 220°C (-4°F to 429°F).</p> |       |            |
| 270-736-7  | 3G    | 68477-53-2 | 271-263-9   | 3G    | 68527-22-0 |
| <p>Distillates (petroleum), steam-cracked, C<sub>5-12</sub> fraction</p> <p>A complex combination of organic compounds obtained by the distillation of products from a steam cracking process. It consists of unsaturated hydrocarbons having carbon numbers predominantly in the range of C<sub>5</sub> through C<sub>12</sub>.</p>   |       |            | <p>Naphtha (petroleum), clay-treated light straight-run</p> <p>A complex combination of hydrocarbons resulting from treatment of light straight-run naphtha with a natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>7</sub> through C<sub>10</sub> and boiling in the range of approximately 93°C to 180°C (200°F to 356°F).</p>         |       |            |
| 270-738-8  | 3G    | 68477-55-4 | 271-264-4   | 3G    | 68527-23-1 |
| <p>Distillates (petroleum), steam-cracked, C<sub>5-10</sub> fraction, mixed with light steam-cracked petroleum naphtha C<sub>5</sub> fraction</p>  |       |            | <p>Naphtha (petroleum), light steam-cracked arom.</p> <p>A complex combination of hydrocarbons produced by distillation of products from a steam-cracking process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>7</sub> through C<sub>9</sub> and boiling in the range of approximately 110°C to 165°C (230°F to 329°F).</p>  |       |            |
| 270-741-4  | 3G    | 68477-61-2 | 271-266-5   | 3G    | 68527-26-4 |
| <p>Extracts (petroleum), cold-acid, C<sub>4-6</sub></p> <p>A complex combination of organic compounds produced by cold acid unit extraction of saturated and unsaturated aliphatic hydrocarbons usually ranging in carbon numbers from C<sub>3</sub> through C<sub>6</sub>, predominantly pentanes and amylenes. It consists predominantly of saturated and unsaturated</p>  |       |            | <p>Naphtha (petroleum), light steam-cracked, debenzenized</p>   |       |            |







| EINECS no  | group | CAS no      | EINECS no   | group | CAS no     |
|--|-------|-------------|---|-------|------------|
| 265-194-3  | 3I    | 64742-91-2  |   |       |            |
| Distillates (petroleum), steam-cracked<br>A complex combination of hydrocarbons obtained by the distillation of the products from a steam cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>16</sub> and boiling in the range of approximately 90°C to 290°C (190°F to 554°F).   |       |             | predominantly in the range of C <sub>9</sub> through C <sub>16</sub> and boiling in the range of approximately 235°C to 290°C (455°F to 554°F).   |       |            |
| 270-728-3  | 3I    | 68477-39-4  | 265-074-0   | 3J    | 64741-73-7 |
| Distillates (petroleum), cracked stripped steam-cracked petroleum distillates, C <sub>8-10</sub> fraction<br>A complex combination of hydrocarbons obtained by distilling cracked stripped steam-cracked distillates. It consists of hydrocarbons having carbon numbers in the range of C <sub>8</sub> through C <sub>10</sub> and boiling in the range of approximately 129°C to 194°C (264°F to 382°F).  |       |             | Distillates (petroleum), alkylate<br>A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>11</sub> through C <sub>17</sub> and boiling in the range of approximately 205°C to 320°C (401°F to 608°F). |       |            |
| 270-729-9  | 3I    | 68477-40-7  | 265-099-7   | 3J    | 64741-98-6 |
| Distillates (petroleum), cracked stripped steam-cracked petroleum distillates, C <sub>10-12</sub> fraction<br>A complex combination of hydrocarbons obtained by distilling cracked stripped steam-cracked distillates. It consists predominantly of aromatic hydrocarbons having carbon numbers in the range of C <sub>10</sub> through C <sub>12</sub> .  |       |             | Extracts (petroleum), heavy naphtha solvent<br>A complex combination of hydrocarbons obtained as the extract from a solvent extraction process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90°C to 220°C (194°F to 428°F).   |       |            |
| 270-737-2  | 3I    | 68477-54-3  | 265-132-5   | 3J    | 64742-31-0 |
| Distillates (petroleum), steam-cracked, C <sub>8-12</sub> fraction<br>A complex combination of organic compounds obtained by the distillation of products from a steam cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>12</sub> .  |       |             | Distillates (petroleum), chemically neutralized light<br>A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>16</sub> and boiling in the range of approximately 150°C to 290°C (302°F to 554°F).   |       |            |
| 285-507-7  | 3I    | 85116-55-8  | 265-149-8   | 3J    | 64742-47-8 |
| Kerosine (petroleum), hydrosulfurized thermal cracked<br>A complex combination of hydrocarbons obtained by fractionation from hydrosulfurized thermal cracker distillate. It consists predominantly of hydrocarbons predominantly in the range of C <sub>8</sub> to C <sub>16</sub> and boiling in the range of approximately 120°C to 283°C (284°F to 541°F).   |       |             | Distillates (petroleum), hydrotreated light<br>A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>16</sub> and boiling in the range of approximately 150°C to 290°C (302°F to 554°F).   |       |            |
| 292-621-0  | 3I    | 90640-98-5  | 265-184-9   | 3J    | 64742-81-0 |
| Aromatic hydrocarbons, C <sub>8-10</sub> , steam-cracking, hydrotreated<br>A complex combination of hydrocarbons produced by the distillation of the products from a steam cracking process treated with hydrogen in the presence of a catalyst. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly greater than C <sub>10</sub> and boiling in the range of approximately 150°C to 320°C (302°F to 608°F).                                |       |             | Kerosine (petroleum), hydrosulfurized<br>A complex combination of hydrocarbons obtained from a petroleum stock by treating with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>16</sub> and boiling in the range of approximately 150°C to 290°C (302°F to 554°F).  |       |            |
| 292-637-8  | 3I    | 90641-13-7  | 265-198-5   | 3J    | 64742-94-5 |
| Naphtha (petroleum), steam-cracked, hydrotreated, C <sub>9-10</sub> -arom.-rich<br>A complex combination of hydrocarbons produced by the distillation of the products from a steam cracking process thereafter treated with hydrogen in the presence of a catalyst. It consists predominantly of aromatic hydrocarbons having carbon numbers in the range of C <sub>9</sub> through C <sub>10</sub> and boiling in the range of approximately 140°C to 200°C (284°F to 392°F). |       |             | Solvent naphtha (petroleum), heavy arom.<br>A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>16</sub> and boiling in the range of approximately 165°C to 290°C (330°F to 554°F).  |       |            |
| 309-881-9  | 3I    | 101316-80-7 | 269-778-9   | 3J    | 68333-23-3 |
| Solvent naphtha (petroleum), hydrocracked heavy arom.<br>A complex combination of hydrocarbons obtained by the distillation of hydrocracked petroleum distillate. It consists predominantly of hydrocarbons having carbon numbers  |       |             | Naphtha (petroleum), heavy coker<br>A complex combination of hydrocarbons from the distillation of products from a fluid coker. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>15</sub> and boiling in the range of approximately 157°C to 288°C (315°F to 550°F).   |       |            |

| EINECS no   | group | CAS no      | EINECS no  | group | CAS no     |
|---|-------|-------------|--|-------|------------|
| 285-508-2   | 3J    | 85116-57-0  |  |       |            |
| <p>Naphtha (petroleum), catalytic reformed hydrodesulfurized heavy, arom. fraction</p> <p>A complex combination of hydrocarbons produced by fractionation from catalytically reformed hydrodesulfurized naphtha. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>7</sub> to C<sub>13</sub> and boiling in the range of approximately 98°C to 218°C (208°F to 424°F).</p> |       |             | <p>benzenes having carbon numbers predominantly in the range of C<sub>12</sub> through C<sub>16</sub> and boiling in the range of approximately 230°C to 270°C (446°F to 518°F).</p>   |       |            |
| 294-799-5   | 3J    | 91770-15-9  | 265-043-1  | 4A    | 64741-43-1 |
| <p>Kerosine (petroleum), sweetened</p> <p>A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>9</sub> through C<sub>16</sub> and boiling in the range of 130°C to 290°C (266°F to 554°F).</p>                       |       |             | <p>Gas oils (petroleum), straight-run</p> <p>A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>11</sub> through C<sub>25</sub> and boiling in the range of approximately 205°C to 400°C (401°F to 752°F).</p>   |       |            |
| 295-416-4   | 3J    | 92045-36-8  | 265-044-7  | 4A    | 64741-44-2 |
| <p>Kerosine (petroleum), solvent-refined sweetened</p> <p>A complex combination of hydrocarbons obtained from a petroleum stock by solvent refining and sweetening and boiling in the range of approximately 150°C to 260°C (302°F to 500°F).</p>   |       |             | <p>Distillates (petroleum), straight-run middle</p> <p>A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>11</sub> through C<sub>20</sub> and boiling in the range of 205°C to 345°C (401°F to 653°F).</p>   |       |            |
| 297-854-1   | 3J    | 93763-35-0  | 272-341-5  | 4A    | 68814-87-9 |
| <p>Hydrocarbons, C<sub>9-16</sub>, hydrotreated, dearomatized</p> <p>A complex combination of hydrocarbons obtained as solvents which have been subjected to hydrotreatment in order to convert aromatics to naphthenes by catalytic hydrogenation.</p>   |       |             | <p>Distillates (petroleum), full-range straight-run middle</p> <p>A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>9</sub> through C<sub>25</sub> and boiling in the range of approximately 150°C to 400°C (320°F to 752°F).</p>   |       |            |
| 307-033-2   | 3J    | 97488-94-3  | 272-817-2  | 4A    | 68915-96-8 |
| <p>Kerosine (petroleum), solvent-refined hydrodesulfurized</p>  |       |             | <p>Distillates (petroleum), heavy straight-run</p> <p>A complex combination of hydrocarbons produced by the atmospheric distillation of crude oil. It boils in the range of approximately 288°C to 471°C (550°F to 880°F).</p>   |       |            |
| 309-864-6   | 3J    | 101316-58-9 | 272-818-8  | 4A    | 68915-97-9 |
| <p>Distillates (petroleum), hydrodesulfurized full-range middle coker</p> <p>A complex combination of hydrocarbons obtained by fractionation from hydrodesulphurised coker distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>8</sub> through C<sub>16</sub> and boiling in the range of approximately 120°C to 283°C (248°F to 541°F).</p>                              |       |             | <p>Gas oils (petroleum), straight-run, high-boiling</p> <p>A complex combination of hydrocarbons produced by the atmospheric distillation of crude oil. It boils in the range of approximately 282°C to 349°C (540°F to 660°F).</p>  |       |            |
| 309-882-4   | 3J    | 101316-81-8 | 294-454-9  | 4A    | 91722-55-3 |
| <p>Solvent naphtha (petroleum), hydrodesulfurized heavy arom.</p> <p>A complex combination of hydrocarbons obtained by the catalytic hydrodesulfurization of a petroleum fraction. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>13</sub> and boiling in the range of approximately 180°C to 240°C (356°F to 464°F).</p>                                 |       |             | <p>Distillates (petroleum), solvent-dewaxed straight-run middle</p> <p>A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>11</sub> through C<sub>20</sub> and boiling in the range of approximately 205°C to 345°C (401°F to 653°F).</p>  |       |            |
| 309-884-5   | 3J    | 101316-82-9 | 295-528-3  | 4A    | 92062-14-1 |
| <p>Solvent naphtha (petroleum), hydrodesulfurized medium</p> <p>A complex combination of hydrocarbons obtained by the catalytic hydrodesulfurization of a petroleum fraction. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>13</sub> and boiling in the range of approximately 175°C to 220°C (347°F to 428°F).</p>                                      |       |             | <p>Solvent naphtha (petroleum), heavy</p> <p>A complex combination of hydrocarbons obtained by the distillation of petroleum. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>20</sub> containing small amounts of aromatics and boiling in the range of approximately 185°C to 210°C (365°F to 410°F).</p>   |       |            |
| 309-944-0   | 3J    | 101631-19-0 | 296-468-0  | 4A    | 92704-36-4 |
| <p>Kerosine (petroleum), hydrotreated</p> <p>A complex combination of hydrocarbons obtained from the distillation of petroleum and subsequent hydrotreatment. It consists predominantly of alkanes, cycloalkanes and alkyl-</p>   |       |             | <p>Gas oils (petroleum), straight-run, clay-treated</p> <p>A complex combination of hydrocarbons resulting from treatment of a petroleum fraction with natural or modified clay in either a contact or percolation process to remove the trace amounts of polar compounds and impurities present. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>25</sub> and boiling in the range of approximately 160°C to 410°C (320°F to 770°F).</p> |       |            |

| EINECS no  | group | CAS no     | EINECS no  | group | CAS no     |
|--|-------|------------|--|-------|------------|
| 265-060-4  | 4B    | 64741-59-9 |  |       |            |
| <p>Distillates (petroleum), light catalytic cracked</p> <p>A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>9</sub> through C<sub>25</sub> and boiling in the range of approximately 150°C to 400°C (302°F to 752°F). It contains a relatively large proportion of bicyclic aromatic hydrocarbons.</p>  |       |            | <p>consists of hydrocarbons having carbon numbers predominantly greater than C<sub>9</sub> and boiling in the range of from approximately 205°C to 400°C (400°F to 752°F)</p>  |       |            |
| 265-062-5  | 4B    | 64741-60-2 | 285-505-6  | 4B    | 85116-53-6 |
| <p>Distillates (petroleum), intermediate catalytic cracked</p> <p>A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>11</sub> through C<sub>30</sub> and boiling in the range of approximately 205°C to 450°C (401°F to 842°F). It contains a relatively large proportion of tricyclic aromatic hydrocarbons.</p>   |       |            | <p>Distillates (petroleum), hydrodesulfurized thermal cracked middle</p> <p>A complex combination of hydrocarbons obtained by fractionation from hydrodesulfurized thermal cracker distillate stocks. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>11</sub> to C<sub>25</sub> and boiling in the range of approximately 205°C to 400°C (401°F to 752°F).</p>  |       |            |
| 265-078-2  | 4B    | 64741-77-1 | 295-411-7  | 4B    | 92045-29-9 |
| <p>Distillates (petroleum), light hydrocracked</p> <p>A complex combination of hydrocarbons from distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>18</sub>, and boiling in the range of approximately 160°C to 320°C (320°F to 608°F).</p>  |       |            | <p>Gas oils (petroleum), thermal-cracked, hydrodesulfurized</p>  |       |            |
| 265-084-5  | 4B    | 64741-82-8 | 295-514-7  | 4B    | 92062-00-5 |
| <p>Distillates (petroleum), light thermal cracked</p> <p>A complex combination of hydrocarbons from the distillation of the products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>22</sub> and boiling in the range of approximately 160°C to 370°C (320°F to 698°F).</p>   |       |            | <p>Residues (petroleum), hydrogenated steam-cracked naphtha</p> <p>A complex combination of hydrocarbons obtained as a residual fraction from the distillation of hydrotreated steam-cracked naphtha. It consists predominantly of hydrocarbons boiling in the range of approximately 200°C to 350°C (32°F to 662°F).</p>  |       |            |
| 269-781-5  | 4B    | 68333-25-5 | 295-517-3  | 4B    | 92062-04-9 |
| <p>Distillates (petroleum), hydrodesulfurized light catalytic cracked</p> <p>A complex combination of hydrocarbons obtained by treating light catalytic cracked distillates with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>9</sub> through C<sub>25</sub> and boiling in the range of approximately 150°C to 400°C (302°F to 752°F). It contains a relatively large proportion of bicyclic aromatic hydrocarbons.</p> |       |            | <p>Residues (petroleum), steam-cracked naphtha distn.</p> <p>A complex combination of hydrocarbons obtained as a column bottom from the separation of effluents from steam cracking naphtha at a high temperature. It boils in the range of approximately 147°C to 300°C (297°F to 572°F) and produces a finished oil having a viscosity of 18cSt at 50°C.</p>   |       |            |
| 270-662-5  | 4B    | 68475-80-9 | 295-991-1  | 4B    | 92201-60-0 |
| <p>Distillates (petroleum), light steam-cracked naphtha</p> <p>A complex combination of hydrocarbons from the multiple distillation of products from a steam cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>18</sub>.</p>  |       |            | <p>Distillates (petroleum), light catalytic cracked, thermally degraded</p> <p>A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process which has been used as a heat transfer fluid. It consists predominantly of hydrocarbons boiling in the range of approximately 190°C to 340°C (374°F to 644°F). This stream is likely to contain organic sulfur compounds.</p>  |       |            |
| 270-727-8  | 4B    | 68477-38-3 | 297-905-8  | 4B    | 93763-85-0 |
| <p>Distillates (petroleum), cracked steam-cracked petroleum distillates</p> <p>A complex combination of hydrocarbons obtained by distilling cracked steam cracked distillate and/or its fractionation products. It consists of hydrocarbons having carbon number predominantly in the range of C<sub>10</sub> to low molecular weight polymers.</p>  |       |            | <p>Residues (petroleum), steam-cracked heat-soaked naphtha</p> <p>A complex combination of hydrocarbons obtained as residue from the distillation of steam cracked heat soaked naphtha and boiling in the range of approximately 150°C to 350°C (302°F to 662°F).</p>  |       |            |
| 271-260-2  | 4B    | 68527-18-4 | 307-662-2  | 4B    | 97675-88-2 |
| <p>Gas oils (petroleum), steam-cracked</p> <p>A complex combination of hydrocarbons produced by distillation of the products from a steam cracking process. It</p>   |       |            | <p>Hydrocarbons, C<sub>16-20</sub>, solvent-dewaxed hydrocracked paraffinic distn. residue</p> <p>A complex combination of hydrocarbons obtained by solvent dewaxing of a distillation residue from a hydrocracked paraffinic distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>16</sub> through C<sub>20</sub> and boiling in the range of approximately 360°C to 500°C (680°F to 932°F). It produces a finished oil having a viscosity of 4.5cSt at approximately 100°C (212°F).</p> |       |            |
|  |       |            | 308-278-8  | 4B    | 97926-59-5 |
|  |       |            | <p>Gas oils (petroleum), light vacuum, thermal-cracked hydrodesulfurized</p>   |       |            |

| EINECS no   | group     | CAS no             | EINECS no   | group     | CAS no  |
|---|-----------|--------------------|---|-----------|---|
|   |           |                    |   |           | through C <sub>30</sub> and produces a finished oil having a viscosity of between 20-25cSt at 40°C. |
|   |           |                    | <b>295-409-6</b>  | <b>5A</b> | <b>92045-27-7</b>   |
|   |           |                    | Gas oils (petroleum), solvent-refined light vacuum  |           |   |
|   |           |                    | A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>30</sub> and boiling in the range of approximately 230°C to 450°C (446°F to 842°F).   |           |   |
| <b>309-865-1</b>  | <b>4B</b> | <b>101316-59-0</b> | <b>307-750-0</b>  | <b>5A</b> | <b>97722-01-5</b>   |
| Distillates (petroleum), hydrodesulfurized middle coker   |           |                    | Gas oils, light naphthenic vacuum   |           |   |
| A complex combination of hydrocarbons obtained by fractionation from hydrodesulphurised coker distillate stocks. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>12</sub> through C <sub>21</sub> and boiling in the range of approximately 200°C to 360°C (392°F to 680°F).   |           |                    | A complex combination of hydrocarbons obtained by vacuum distillation of a crude naphthenic. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>27</sub> and boiling in the range of approximately 240°C to 400°C (464°F to 752°F). It produces a finished oil having a viscosity of 9.5cSt at 40°C (104°F).                              |           |   |
| <b>309-939-3</b>  | <b>4B</b> | <b>101631-14-5</b> | <b>307-754-2</b>  | <b>5A</b> | <b>97722-05-9</b>   |
| Distillates (petroleum), heavy steam-cracked  |           |                    | Hydrocarbons, C <sub>16-20</sub> , hydrotreated distillate, vacuum distn. lights  |           |   |
| A complex combination of hydrocarbons obtained by distillation of steam cracking heavy residues. It consists predominantly of highly alkylated heavy aromatic hydrocarbons boiling in the range of approximately 250°C to 400°C (482°F to 752°F).   |           |                    | A complex combination of hydrocarbons obtained as first runnings from the vacuum distillation of effluents from the catalytic hydrotreatment of a distillate having a viscosity of 2cSt at 100°C (212°F). It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>16</sub> to C <sub>20</sub> and boiling in a range of approximately 290°C to 350°C (554°F to 662°F). |           |   |
| <b>265-049-4</b>  | <b>5A</b> | <b>64741-49-7</b>  | <b>307-756-3</b>  | <b>5A</b> | <b>97722-07-1</b>   |
| Condensates (petroleum), vacuum tower   |           |                    | Hydrocarbons, C <sub>11-17</sub> , naphthenic middle  |           |   |
| A complex combination of hydrocarbons produced as the lowest boiling stream in the vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>11</sub> through C <sub>25</sub> and boiling in the range of approximately 205°C to 400°C (401°F to 752°F). |           |                    | A complex combination of hydrocarbons obtained by vacuum distillation of a naphthenic distillate having a viscosity of 2.2cSt at 40°C (104°F). It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>11</sub> through C <sub>17</sub> and boiling in the range of approximately 200°C to 300°C (392°F to 572°F).   |           |   |
| <b>265-059-9</b>  | <b>5A</b> | <b>64741-58-8</b>  | <b>309-693-7</b>  | <b>5A</b> | <b>100684-22-8</b>  |
| Gas oils (petroleum), light vacuum  |           |                    | Gas oils (petroleum), light vacuum, carbon-treated  |           |   |
| A complex combination of hydrocarbons produced by the vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>30</sub> and boiling in the range of approximately 230°C to 450°C (446°F to 842°F).                              |           |                    | A complex combination of hydrocarbons obtained by the treatment of light vacuum petroleum gas oils with activated charcoal for the removal of traces of polar constituents and impurities. It consists predominantly of hydrocarbons with carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>30</sub> .  |           |   |
| <b>265-190-1</b>  | <b>5A</b> | <b>64742-87-6</b>  | <b>309-694-2</b>  | <b>5A</b> | <b>100684-23-9</b>  |
| Gas oils (petroleum), hydrodesulfurized light vacuum  |           |                    | Gas oils (petroleum), light vacuum, clay-treated  |           |   |
| A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>30</sub> and boiling in the range of approximately 230°C to 450°C (446°F to 842°F).  |           |                    | A complex combination of hydrocarbons obtained by the treatment of light vacuum petroleum gas oils with bleaching earth for the removal of traces of polar constituents and impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>30</sub> .   |           |   |
| <b>295-407-5</b>  | <b>5A</b> | <b>92045-24-4</b>  | <b>265-088-7</b>  | <b>5B</b> | <b>64741-86-2</b>   |
| Gas oils (petroleum), hydrotreated light vacuum   |           |                    | Distillates (petroleum), sweetened middle   |           |   |
| A complex combination of hydrocarbons that is obtained by treatment of light vacuum petroleum gas oils with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>30</sub> and boiling in the range of approximately 230°C to 450°C (446°F to 842°F).                |           |                    | A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>20</sub> and boiling in the range of approximately 150°C to 345°C (302°F to 653°F).   |           |   |
| <b>295-408-0</b>  | <b>5A</b> | <b>92045-26-6</b>  |   |           |   |
| Gas oils (petroleum), light vacuum, solvent-dewaxed   |           |                    |   |           |   |
| A complex combination of hydrocarbons obtained by deparaffinating a petroleum distillate under vacuum by solvent treatments. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub>  |           |                    |   |           |   |

| EINECS no   | group | CAS no     | EINECS no   | group | CAS no     |
|---|-------|------------|---|-------|------------|
| 265-092-9   | 5B    | 64741-90-8 |   |       |            |
| Gas oils (petroleum), solvent-refined<br>A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>11</sub> through C <sub>25</sub> and boiling in the range of approximately 205°C to 400°C (401°F to 752°F).          |       |            | nantly in the range of C <sub>9</sub> through C <sub>20</sub> and boiling in the range of approximately 150°C to 345°C (302°F to 653°F).  |       |            |
| 265-093-4   | 5B    | 64741-91-9 | 265-148-2   | 5B    | 64742-46-7 |
| Distillates (petroleum), solvent-refined middle<br>A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>20</sub> and boiling in the range of approximately 150°C to 345°C (302°F to 653°F). |       |            | Distillates (petroleum), hydrotreated middle<br>A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>11</sub> through C <sub>25</sub> and boiling in the range of approximately 205°C to 400°C (401°F to 752°F).   |       |            |
| 265-112-6   | 5B    | 64742-12-7 | 265-182-8   | 5B    | 64742-79-6 |
| Gas oils (petroleum), acid-treated<br>A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid treating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>25</sub> and boiling in the range of approximately 230°C to 400°C (446°F to 752°F).                                   |       |            | Gas oils (petroleum), hydrodesulfurized<br>A complex combination of hydrocarbons obtained from a petroleum stock by treating with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>25</sub> and boiling in the range of approximately 230°C to 400°C (446°F to 752°F). |       |            |
| 265-113-1   | 5B    | 64742-13-8 | 265-183-3   | 5B    | 64742-80-9 |
| Distillates (petroleum), acid-treated middle<br>A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid treating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>11</sub> through C <sub>20</sub> and boiling in the range of approximately 205°C to 345°C (401°F to 653°F).                         |       |            | Distillates (petroleum), hydrodesulfurized middle<br>A complex combination of hydrocarbons obtained from a petroleum stock by treating with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>11</sub> through C <sub>25</sub> and boiling in the range of approximately 205°C to 400°C (401°F to 752°F).     |       |            |
| 265-114-7   | 5B    | 64742-14-9 | 269-822-7   | 5B    | 68334-30-5 |
| Distillates (petroleum), acid-treated light<br>A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid treating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>16</sub> and boiling in the range of approximately 150°C to 290°C (302°F to 554°F).                           |       |            | Fuels, diesel<br>A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>20</sub> and boiling in the range of approximately 163°C to 357°C (325°F to 675°F).   |       |            |
| 265-129-9   | 5B    | 64742-29-6 | 270-671-4   | 5B    | 68476-30-2 |
| Gas oils (petroleum), chemically neutralized<br>A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>25</sub> and boiling in the range of approximately 230°C to 400°C (446°F to 752°F).                             |       |            | Fuel oil, no. 2<br>A distillate oil having a minimum viscosity of 32.6 SUS at 37.7°C (100°F) to a maximum of 37.9 SUS at 37.7°C (100°F).  |       |            |
| 265-130-4   | 5B    | 64742-30-9 | 270-673-5   | 5B    | 68476-31-3 |
| Distillates (petroleum), chemically neutralized middle<br>A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>11</sub> through C <sub>20</sub> and boiling in the range of approximately 205°C to 345°C (401°F to 653°F).                   |       |            | Fuel oil, no. 4<br>A distillate oil having a minimum viscosity of 45 SUS at 37.7°C (100°F) to a maximum of 125 SUS at 37.7°C (100°F).   |       |            |
| 265-139-3   | 5B    | 64742-38-7 | 270-676-1   | 5B    | 68476-34-6 |
| Distillates (petroleum), clay-treated middle<br>A complex combination of hydrocarbons resulting from treatment of a petroleum fraction with natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predomi-  |       |            | Fuels, diesel, no. 2<br>A distillate oil having a minimum viscosity of 32.6 SUS at 37.7°C (100°F) to a maximum of 40.1 SUS at 37.7°C (100°F).   |       |            |
|   |       |            | 270-719-4   | 5B    | 68477-29-2 |
|   |       |            | Distillates (petroleum), catalytic reformer fractionator residue, high-boiling<br>A complex combination of hydrocarbons from the distillation of catalytic reformer fractionator residue. It boils in the range of approximately 343°C to 399°C (650°F to 750°F).   |       |            |
|   |       |            | 270-721-5   | 5B    | 68477-30-5 |
|   |       |            | Distillates (petroleum), catalytic reformer fractionator residue, intermediate-boiling<br>A complex combination of hydrocarbons from the distillation of catalytic reformer fractionator residue. It boils in the range of approximately 288°C to 371°C (550°F to 700°F).   |       |            |

| EINECS no  | group | CAS no     | EINECS no   | group | CAS no      |
|--|-------|------------|---|-------|-------------|
| 270-722-0  | 5B    | 68477-31-6 |   |       |             |
| <p>Distillates (petroleum), catalytic reformer fractionator residue, low-boiling</p> <p>The complex combination of hydrocarbons from the distillation of catalytic reformer fractionator residue. It boils approximately below 288°C (550°F).</p>  |       |            | <p>consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>11</sub> through C<sub>17</sub> and boiling in the range of approximately 200°C to 300°C (392°F to 572°F).</p>  |       |             |
| 292-615-8  | 5B    | 90640-93-0 | 308-128-1   | 5B    | 97862-78-7  |
| <p>Distillates (petroleum), highly refined middle</p> <p>A complex combination of hydrocarbons obtained by the subjection of a petroleum fraction to several of the following steps: filtration, centrifugation, atmospheric distillation, vacuum distillation, acidification, neutralization, and clay treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>20</sub>.</p>  |       |            | <p>Gas oils, hydrotreated</p> <p>A complex combination of hydrocarbons obtained from the redistillation of the effluents from the treatment of paraffins with hydrogen in the presence of a catalyst. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>17</sub> through C<sub>27</sub> and boiling in the range of approximately 330°C to 340°C (626°F to 644°F).</p>  |       |             |
| 295-294-2  | 5B    | 91995-34-5 | 309-667-5   | 5B    | 100683-97-4 |
| <p>Distillates (petroleum), catalytic reformer, heavy arom. conc.</p> <p>A complex combination of hydrocarbons obtained from the distillation of a catalytically reformed petroleum cut. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>10</sub> through C<sub>16</sub> and boiling in the range of approximately 200°C to 300°C (392°F to 572°F).</p>   |       |            | <p>Distillates (petroleum), carbon-treated light paraffinic</p> <p>A complex combination of hydrocarbons obtained by the treatment of a petroleum oil fraction with activated charcoal for the removal of traces of polar constituents and impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>12</sub> through C<sub>28</sub>.</p>   |       |             |
| 300-227-8  | 5B    | 93924-33-5 | 309-668-0   | 5B    | 100683-98-5 |
| <p>Gas oils, paraffinic</p> <p>A distillate obtained from the redistillation of a complex combination of hydrocarbons obtained by the distillation of the effluents from a severe catalytic hydrotreatment of paraffins. It boils in the range of approximately 190°C to 330°C (374°F to 594°F).</p>   |       |            | <p>Distillates (petroleum), intermediate paraffinic, carbon-treated</p> <p>A complex combination of hydrocarbons obtained by the treatment of petroleum with activated charcoal for the removal of trace polar constituents and impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>16</sub> through C<sub>36</sub>.</p>  |       |             |
| 307-035-3  | 5B    | 97488-96-5 | 309-669-6   | 5B    | 100683-99-6 |
| <p>Naphtha (petroleum), solvent-refined hydrodesulfurized heavy</p>  |       |            | <p>Distillates (petroleum), intermediate paraffinic, clay-treated</p> <p>A complex combination of hydrocarbons obtained by the treatment of petroleum with bleaching earth for the removal of trace polar constituents and impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>16</sub> through C<sub>36</sub>.</p>   |       |             |
| 307-659-6  | 5B    | 97675-85-9 | 265-045-2   | 6A    | 64741-45-3  |
| <p>Hydrocarbons, C<sub>16-20</sub>, hydrotreated middle distillate, distn. lights</p> <p>A complex combination of hydrocarbons obtained as first runnings from the vacuum distillation of effluents from the treatment of a middle distillate with hydrogen. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>16</sub> through C<sub>20</sub> and boiling in the range of approximately 290°C to 350°C (554°F to 662°F). It produces a finished oil having a viscosity of 2cSt at 100°C (212°F).</p>                    |       |            | <p>Residues (petroleum), atm. tower</p> <p>A complex residuum from the atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly greater than C<sub>20</sub> and boiling above approximately 350°C (662°F). This stream is likely to contain 5 wt. % or more of 4- to 6-membered condensed ring aromatic hydrocarbons.</p>   |       |             |
| 307-660-1  | 5B    | 97675-86-0 | 265-058-3   | 6A    | 64741-57-7  |
| <p>Hydrocarbons, C<sub>12-20</sub>, hydrotreated paraffinic, distn. lights</p> <p>A complex combination of hydrocarbons obtained as first runnings from the vacuum distillation of effluents from the treatment of heavy paraffins with hydrogen in the presence of a catalyst. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C<sub>12</sub> through C<sub>20</sub> and boiling in the range of approximately 230°C to 350°C (446°F to 662°F). It produces a finished oil having a viscosity of 2cSt at 100°C (212°F).</p> |       |            | <p>Gas oils (petroleum), heavy vacuum</p> <p>A complex combination of hydrocarbons produced by the vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C<sub>20</sub> through C<sub>50</sub> and boiling in the range of approximately 350°C to 600°C (662°F to 1112°F). This stream is likely to contain 5 wt. % or more of 4- to 6-membered condensed ring aromatic hydrocarbons.</p> |       |             |
| 307-757-9  | 5B    | 97722-08-2 | 265-063-0   | 6A    | 64741-61-3  |
| <p>Hydrocarbons, C<sub>11-17</sub>, solvent-extd. light naphthenic</p> <p>A complex combination of hydrocarbons obtained by extraction of the aromatics from a light naphthenic distillate having a viscosity of 2.2cSt at 40°C (104°F). It</p>  |       |            | <p>Distillates (petroleum), heavy catalytic cracked</p>   |       |             |







| EINECS no   | group     | CAS no            | EINECS no   | group     | CAS no   |
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|   |           |                   |   |           | consists predominantly of unsaturated hydrocarbons boiling in the range above approximately 180°C (356°F). |
|   |           |                   | <b>278-011-7</b>  | <b>6B</b> | <b>74869-21-9</b>  |
|   |           |                   | Lubricating greases   |           |  |
|   |           |                   | A complex combination of hydrocarbons having carbon numbers predominantly in the range of C <sub>12</sub> through C <sub>50</sub> . May contain organic salts of alkali metals, alkaline earth metals, and/or aluminium compounds.  |           |  |
| <b>274-685-1</b>  | <b>6A</b> | <b>70592-78-8</b> | <b>265-051-5</b>  | <b>7A</b> | <b>64741-50-0</b>  |
| Distillates (petroleum), vacuum   |           |                   | Distillates (petroleum), light paraffinic   |           |  |
| A complex combination of hydrocarbons produced by the vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>50</sub> and boiling in the range of approximately 270°C to 600°C (518°F to 1112°F). This stream is likely to contain 5 wt.% or more of 4- to 6-membered condensed ring aromatic hydrocarbons. |           |                   | A complex combination of hydrocarbons produced by vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> and produces a finished oil with a viscosity of less than 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated aliphatic hydrocarbons normally present in this distillation range of crude oil. |           |  |
| <b>285-555-9</b>  | <b>6A</b> | <b>85117-03-9</b> | <b>265-052-0</b>  | <b>7A</b> | <b>64741-51-1</b>  |
| Gas oils (petroleum), hydrodesulfurized coker heavy vacuum  |           |                   | Distillates (petroleum), heavy paraffinic   |           |  |
| A complex combination of hydrocarbons obtained by hydrodesulfurization of heavy coker distillate stocks. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range C <sub>18</sub> to C <sub>44</sub> and boiling in the range of approximately 304°C to 548°C (579°F to 1018°F). Likely to contain 5% or more of 4- to 6- membered condensed ring aromatic hydrocarbons.  |           |                   | A complex combination of hydrocarbons produced by vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated aliphatic hydrocarbons.   |           |  |
| <b>295-396-7</b>  | <b>6A</b> | <b>92045-14-2</b> | <b>265-053-6</b>  | <b>7A</b> | <b>64741-52-2</b>  |
| Fuel oil, heavy, high-sulfur  |           |                   | Distillates (petroleum), light naphthenic   |           |  |
| A complex combination of hydrocarbons obtained by the distillation of crude petroleum. It consists predominantly of aliphatic, aromatic and cycloaliphatic hydrocarbons having carbon numbers predominantly higher than C <sub>25</sub> and boiling above approximately 400°C (752°F).  |           |                   | A complex combination of hydrocarbons produced by vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> and produces a finished oil with a viscosity of less than 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.  |           |  |
| <b>295-511-0</b>  | <b>6A</b> | <b>92061-97-7</b> | <b>265-054-1</b>  | <b>7A</b> | <b>64741-53-3</b>  |
| Residues (petroleum), catalytic cracking  |           |                   | Distillates (petroleum), heavy naphthenic   |           |  |
| A complex combination of hydrocarbons produced as the residual fraction from the distillation of the products from a catalytic cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly greater than C <sub>11</sub> and boiling above approximately 200°C (392°F).  |           |                   | A complex combination of hydrocarbons produced by vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.   |           |  |
| <b>295-990-6</b>  | <b>6A</b> | <b>92201-59-7</b> | <b>265-117-3</b>  | <b>7A</b> | <b>64742-18-3</b>  |
| Distillates (petroleum), intermediate catalytic cracked, thermally degraded   |           |                   | Distillates (petroleum), acid-treated heavy naphthenic  |           |  |
| A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process which has been used as a heat transfer fluid. It consists predominantly of hydrocarbons boiling in the range of approximately 220°C to 450°C (428°F to 842°F). This stream is likely to contain organic sulfur compounds.  |           |                   | A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid treating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.  |           |  |
| <b>298-754-0</b>  | <b>6A</b> | <b>93821-66-0</b> | <b>265-118-9</b>  | <b>7A</b> | <b>64742-19-4</b>  |
| Residual oils (petroleum)   |           |                   | Distillates (petroleum), acid-treated light naphthenic  |           |  |
| A complex combination of hydrocarbons, sulfur compounds and metal-containing organic compounds obtained as the residue from refinery fractionation cracking processes. It produces a finished oil with a viscosity above 2cSt. at 100°C.  |           |                   |   |           |  |
| <b>308-733-0</b>  | <b>6A</b> | <b>98219-64-8</b> |   |           |  |
| Residues, steam cracked, thermally treated  |           |                   |   |           |  |
| A complex combination of hydrocarbons obtained by the treatment and distillation of raw steam-cracked naphtha. It   |           |                   |   |           |  |

| EINECS no        | group     | CAS no            | EINECS no        | group     | CAS no  |
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|                  |           |                   |                  |           |   |
|                  |           |                   |                  |           | viscosity of less than 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.   |
|                  |           |                   | <b>232-455-8</b> | <b>7B</b> | <b>8042-47-5</b>  |
|                  |           |                   |                  |           | White mineral oil (petroleum)   |
|                  |           |                   |                  |           | A highly refined petroleum mineral oil consisting of a complex combination of hydrocarbons obtained from the intensive treatment of a petroleum fraction with sulfuric acid and oleum, or by hydrogenation, or by a combination of hydrogenation and acid treatment. Additional washing and treating steps may be included in the processing operation. It consists of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> . |
| <b>265-119-4</b> | <b>7A</b> | <b>64742-20-7</b> | <b>276-735-8</b> | <b>7B</b> | <b>72623-83-7</b>   |
|                  |           |                   |                  |           | Lubricating oils (petroleum), C <sub>&gt;25</sub> , hydrotreated bright stock-based   |
|                  |           |                   |                  |           | A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil having a viscosity of at least 100 SUS at 100°F (19cSt at 40°C).  |
| <b>265-121-5</b> | <b>7A</b> | <b>64742-21-8</b> |                  |           |   |
|                  |           |                   |                  |           | A complex combination of hydrocarbons obtained by treating solvent deasphalted residual oil with hydrogen in the presence of a catalyst in two stages with dewaxing carried out between stages. It consists predominantly of hydrocarbons having carbon numbers predominantly greater than C <sub>25</sub> and produces a finished oil with a viscosity of approximately 440cSt at 40°C. It contains a relatively large proportion of saturated hydrocarbons.                               |
|                  |           |                   | <b>295-425-3</b> | <b>7B</b> | <b>92045-44-8</b>   |
|                  |           |                   |                  |           | Lubricating oils (petroleum), chemically neutralized heavy paraffinic   |
|                  |           |                   |                  |           | A complex combination of hydrocarbons obtained from a treating process to remove acidic materials. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of aliphatic hydrocarbons.  |
| <b>265-127-8</b> | <b>7A</b> | <b>64742-27-4</b> | <b>295-426-9</b> | <b>7B</b> | <b>92045-45-9</b>   |
|                  |           |                   |                  |           | Lubricating oils (petroleum), hydrotreated solvent-refined bright stock-based   |
|                  |           |                   |                  |           | A complex combination of hydrocarbons obtained by treatment of a solvent-refined residue with hydrogen. It consists predominantly of hydrocarbons having carbon numbers predominantly greater than C <sub>50</sub> and produces a finished oil with a viscosity of between 650-750cSt at 40°C.  |
| <b>265-128-3</b> | <b>7A</b> | <b>64742-28-5</b> | <b>295-550-3</b> | <b>7B</b> | <b>92062-35-6</b>   |
|                  |           |                   |                  |           | White mineral oil (petroleum), light  |
|                  |           |                   |                  |           | A complex combination of hydrocarbons obtained from the intensive treatment of a petroleum fraction with sulfuric acid and oleum, or by hydrogenation, or by a combination of hydrogenation and acid treatment. It consists predominantly of saturated hydrocarbons predominantly greater than C <sub>12</sub> .  |
| <b>265-135-1</b> | <b>7A</b> | <b>64742-34-3</b> | <b>265-077-7</b> | <b>7C</b> | <b>64741-76-0</b>   |
|                  |           |                   |                  |           | Distillates (petroleum), heavy hydrocracked   |
|                  |           |                   |                  |           | A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.  |
| <b>265-136-7</b> | <b>7A</b> | <b>64742-35-4</b> | <b>265-090-8</b> | <b>7C</b> | <b>64741-88-4</b>   |
|                  |           |                   |                  |           | Distillates (petroleum), solvent-refined heavy paraffinic   |
|                  |           |                   |                  |           | A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> and produces a finished oil with a   |

| EINECS no  | group | CAS no     | EINECS no  | group | CAS no   |
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|  |       |            |  |       | at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons. |
| 265-091-3  | 7C    | 64741-89-5 | 265-138-8  | 7C    | 64742-37-6   |
| Distillates (petroleum), solvent-refined light paraffinic  |       |            | Distillates (petroleum), clay-treated light paraffinic   |       |  |
| A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C).  |       |            | A complex combination of hydrocarbons resulting from treatment of a petroleum fraction with natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> and produces a finished oil with a viscosity of less than 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons. |       |  |
| 265-096-0  | 7C    | 64741-95-3 | 265-143-5  | 7C    | 64742-41-2   |
| Residual oils (petroleum), solvent deasphalted   |       |            | Residual oils (petroleum), clay-treated  |       |  |
| A complex combination of hydrocarbons obtained as the solvent soluble fraction from C <sub>3</sub> - C <sub>4</sub> solvent deasphalting of a residuum. It consists of hydrocarbons having carbon numbers predominantly higher than C <sub>25</sub> and boiling above approximately 400°C (752°F).   |       |            | A complex combination of hydrocarbons obtained by treatment of a residual oil with a natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly higher than C <sub>25</sub> and boiling above approximately 400°C (752°F).  |       |  |
| 265-097-6  | 7C    | 64741-96-4 | 265-146-1  | 7C    | 64742-44-5   |
| Distillates (petroleum), solvent-refined heavy naphthenic  |       |            | Distillates (petroleum), clay-treated heavy naphthenic   |       |  |
| A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.   |       |            | A complex combination of hydrocarbons resulting from treatment of a petroleum fraction with natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.                          |       |  |
| 265-098-1  | 7C    | 64741-97-5 | 265-147-7  | 7C    | 64742-45-6   |
| Distillates (petroleum), solvent-refined light naphthenic  |       |            | Distillates (petroleum), clay-treated light naphthenic   |       |  |
| A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> and produces a finished oil with a viscosity of less than 100 SUS at 100°F (19 cSt at 40°C). It contains relatively few normal paraffins.   |       |            | A complex combination of hydrocarbons resulting from treatment of a petroleum fraction with natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> and produces a finished oil with a viscosity of less than 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.                         |       |  |
| 265-101-6  | 7C    | 64742-01-4 | 265-155-0  | 7C    | 64742-52-5   |
| Residual oils (petroleum), solvent-refined   |       |            | Distillates (petroleum), hydrotreated heavy naphthenic   |       |  |
| A complex combination of hydrocarbons obtained as the solvent insoluble fraction from solvent refining of a residuum using a polar organic solvent such as phenol or furfural. It consists of hydrocarbons having carbon numbers predominantly higher than C <sub>25</sub> and boiling above approximately 400°C (752°F).  |       |            | A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.  |       |  |
| 265-137-2  | 7C    | 64742-36-5 | 265-156-6  | 7C    | 64742-53-6   |
| Distillates (petroleum), clay-treated heavy paraffinic   |       |            | Distillates (petroleum), hydrotreated light naphthenic   |       |  |
| A complex combination of hydrocarbons resulting from treatment of a petroleum fraction with natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> and produces a finished oil with a viscosity of at least 100 SUS |       |            |  |       |  |





| EINECS no | group | CAS no   | EINECS no | group | CAS no     |
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|           |       | A complex combination of hydrocarbons obtained from an intensive treatment of dewaxed distillate by hydrogenation in the presence of a catalyst. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>25</sub> through C <sub>39</sub> and produces a finished oil with a viscosity of approximately 44cSt at 50°C.  | 305-588-5 | 7C    | 94733-08-1 |
| 295-301-9 | 7C    | 91995-40-3   |           |       |            |
|           |       | Distillates (petroleum), dewaxed light paraffinic, hydrotreated  |           |       |            |
|           |       | A complex combination of hydrocarbons obtained from an intensive treatment of dewaxed distillate by hydrogenation in the presence of a catalyst. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>21</sub> through C <sub>29</sub> and produces a finished oil with a viscosity of approximately 13cSt at 50°C.  | 305-589-0 | 7C    | 94733-09-2 |
| 295-305-0 | 7C    | 91995-43-6   |           |       |            |
|           |       | Distillates (petroleum), heavy paraffinic, sulfurized  |           |       |            |
|           |       | A complex combination of hydrocarbons produced by vacuum distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>30</sub> to which elemental sulfur is added at an elevated temperature.   | 305-594-8 | 7C    | 94733-15-0 |
| 295-316-0 | 7C    | 91995-54-9   |           |       |            |
|           |       | Distillates (petroleum), solvent-refined light naphthenic, hydro-treated   |           |       |            |
|           |       | A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst and removing the aromatic hydrocarbons by solvent extraction. It consists predominantly of naphthenic hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>30</sub> and produces a finished oil with a viscosity of between 13-15cSt at 40°C. | 305-595-3 | 7C    | 94733-16-1 |
| 295-423-2 | 7C    | 92045-42-6   |           |       |            |
|           |       | Lubricating oils (petroleum), C <sub>17-35</sub> , solvent-extd., dewaxed, hydrotreated  | 305-971-7 | 7C    | 95371-04-3 |
| 295-424-8 | 7C    | 92045-43-7   |           |       |            |
|           |       | Lubricating oils (petroleum), hydrocracked nonarom. solvent- $\alpha$ deparaffined   | 305-972-2 | 7C    | 95371-05-4 |
| 295-499-7 | 7C    | 92061-86-4   |           |       |            |
|           |       | Residual oils (petroleum), hydrocracked acid-treated solvent- $\alpha$ dewaxed   | 305-974-3 | 7C    | 95371-07-6 |
|           |       | A complex combination of hydrocarbons produced by solvent removal of paraffins from the residue of the distillation of acid-treated, hydrocracked heavy paraffins and boiling approximately above 380°C (716°F).   | 305-975-9 | 7C    | 95371-08-7 |
| 295-810-6 | 7C    | 92129-09-4   |           |       |            |
|           |       | Paraffin oils (petroleum), solvent-refined dewaxed heavy   | 307-010-7 | 7C    | 97488-73-8 |
|           |       | A complex combination of hydrocarbons obtained from sulfur- $\alpha$ containing paraffinic crude oil. It consists predominantly of a solvent refined deparaffinated lubricating oil with a viscosity of 65cSt at 50°C.   |           |       |            |
| 297-474-6 | 7C    | 93572-43-1   |           |       |            |
|           |       | Lubricating oils (petroleum), base oils, paraffinic  |           |       |            |
|           |       | A complex combination of hydrocarbons obtained by refining of crude oil. It consists predominantly of aromatics, naphthenics and paraffinics and produces a finished oil with a viscosity of 120 SUS at 100°F (23cSt at 40°C).   | 307-011-2 | 7C    | 97488-74-9 |
| 297-857-8 | 7C    | 93763-38-3   |           |       |            |
|           |       | Hydrocarbons, hydrocracked paraffinic distn. residues, solvent- $\alpha$ dewaxed   |           |       |            |
|           |       | Distillates (petroleum), solvent-refined hydrocracked light  |           |       |            |
|           |       | A complex combination of hydrocarbons obtained by solvent dearomatization of the residue of hydrocracked petroleum. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>18</sub> through C <sub>27</sub> and boiling in the range of approximately 370°C to 450°C (698°F to 842°F).   |           |       |            |
|           |       | Lubricating oils (petroleum), C <sub>18-40</sub> , solvent-dewaxed hydrocracked distillate-based   |           |       |            |
|           |       | A complex combination of hydrocarbons obtained by solvent deparaffination of the distillation residue from hydrocracked petroleum. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>18</sub> through C <sub>40</sub> and boiling in the range of approximately 370°C to 550°C (698°F to 1022°F).   |           |       |            |
|           |       | Lubricating oils (petroleum), C <sub>18-40</sub> , solvent-dewaxed hydrogenated raffinate-based  |           |       |            |
|           |       | A complex combination of hydrocarbons obtained by solvent deparaffination of the hydrogenated raffinate obtained by solvent extraction of a hydrotreated petroleum distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>18</sub> through C <sub>40</sub> and boiling in the range of approximately 370°C to 550°C (698°F to 1022°F).                     |           |       |            |
|           |       | Hydrocarbons, C <sub>13-30</sub> , arom.-rich, solvent-extd. naphthenic distillate   |           |       |            |
|           |       | Hydrocarbons, C <sub>16-32</sub> , arom. rich, solvent-extd. naphthenic distillate   |           |       |            |
|           |       | Hydrocarbons, C <sub>37-68</sub> , dewaxed deasphalted hydrotreated vacuum distn. residues   |           |       |            |
|           |       | Hydrocarbons, C <sub>37-65</sub> , hydrotreated deasphalted vacuum distn. residues   |           |       |            |
|           |       | Distillates (petroleum), hydrocracked solvent-refined light  |           |       |            |
|           |       | A complex combination of hydrocarbons obtained by the solvent treatment of a distillate from hydrocracked petroleum distillates. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>18</sub> through C <sub>27</sub> and boiling in the range of approximately 370°C to 450°C (698°F to 842°F).  |           |       |            |
|           |       | Distillates (petroleum), solvent-refined hydrogenated heavy  |           |       |            |
|           |       | A complex combination of hydrocarbons obtained by the treatment of a hydrogenated petroleum distillate with a solvent. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>19</sub> through C <sub>40</sub> and boiling in the range of approximately 390°C to 550°C (734°F to 1022°F).   |           |       |            |

| EINECS no  | group | CAS no     | EINECS no   | group | CAS no      |
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| 307-034-8  | 7C    | 97488-95-4 | 308-290-3   | 7C    | 97926-71-1  |
| Lubricating oils (petroleum), C <sub>18-27</sub> , hydrocracked solvent-dewaxed  |       |            | Hydrocarbons, C <sub>27-42</sub> , naphthenic   |       |             |
| 307-661-7  | 7C    | 97675-87-1 | 309-710-8   | 7C    | 100684-37-5 |
| Hydrocarbons, C <sub>17-30</sub> , hydrotreated solvent-deasphalted atm. distn. residue, distn. lights   |       |            | Residual oils (petroleum), carbon-treated solvent-dewaxed   |       |             |
| A complex combination of hydrocarbons obtained as first runnings from the vacuum distillation of effluents from the treatment of a solvent-deasphalted short residue with hydrogen in the presence of a catalyst. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>17</sub> through C <sub>30</sub> and boiling in the range of approximately 300°C to 400°C (572°F to 752°F). It produces a finished oil having a viscosity of 4cSt at approximately 100°C (212°F). |       |            | A complex combination of hydrocarbons obtained by the treatment of solvent-dewaxed petroleum residual oils with activated charcoal for the removal of trace polar constituents and impurities.  |       |             |
| 307-755-8  | 7C    | 97722-06-0 | 309-711-3   | 7C    | 100684-38-6 |
| Hydrocarbons, C <sub>17-40</sub> , hydrotreated solvent-deasphalted distn. residue, vacuum distn. lights   |       |            | Residual oils (petroleum), clay-treated solvent-dewaxed   |       |             |
| A complex combination of hydrocarbons obtained as first runnings from the vacuum distillation of effluents from the catalytic hydrotreatment of a solvent deasphalted short residue having a viscosity of 8cSt at approximately 100°C (212°F). It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>17</sub> through C <sub>40</sub> and boiling in the range of approximately 300°C to 500°C (592°F to 932°F).  |       |            | A complex combination of hydrocarbons obtained by treatment of solvent-dewaxed petroleum residual oils with bleaching earth for the removal of trace polar constituents and impurities.   |       |             |
| 307-758-4  | 7C    | 97722-09-3 | 309-874-0   | 7C    | 101316-69-2 |
| Hydrocarbons, C <sub>13-27</sub> , solvent-extd. light naphthenic  |       |            | Lubricating oils (petroleum), C <sub>&gt;25</sub> , solvent-extd., deasphalted, dewaxed, hydrogenated   |       |             |
| A complex combination of hydrocarbons obtained by extraction of the aromatics from a light naphthenic distillate having a viscosity of 9.5cSt at 40°C (104°F). It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>13</sub> through C <sub>27</sub> and boiling in the range of approximately 240°C to 400°C (464°F to 752°F).  |       |            | A complex combination of hydrocarbons obtained by solvent extraction and hydrogenation of vacuum distillation residues. It consists predominantly of hydrocarbons having carbon numbers predominantly greater than C <sub>25</sub> and produces a finished oil with a viscosity in the order of 32cSt to 37cSt at 100°C (212°F).                                |       |             |
| 307-760-5  | 7C    | 97722-10-6 | 309-875-6   | 7C    | 101316-70-5 |
| Hydrocarbons, C <sub>14-29</sub> , solvent-extd. light naphthenic  |       |            | Lubricating oils (petroleum), C <sub>17-32</sub> , solvent-extd., dewaxed, hydrogenated   |       |             |
| A complex combination of hydrocarbons obtained by extraction of the aromatics from a light naphthenic distillate having a viscosity of 16cSt at 40°C (104°F). It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>14</sub> through C <sub>29</sub> and boiling in the range of approximately 250°C to 425°C (482°F to 797°F).   |       |            | A complex combination of hydrocarbons obtained by solvent extraction and hydrogenation of atmospheric distillation residues. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>17</sub> through C <sub>32</sub> and produces a finished oil with a viscosity in the order of 17cSt to 23cSt at 40°C (104°F). |       |             |
| 308-131-8  | 7C    | 97862-81-2 | 309-876-1   | 7C    | 101316-71-6 |
| Hydrocarbons, C <sub>27-42</sub> , dearomatized  |       |            | Lubricating oils (petroleum), C <sub>20-35</sub> , solvent-extd., dewaxed, hydrogenated   |       |             |
| 308-132-3  | 7C    | 97862-82-3 | 309-877-7   | 7C    | 101316-72-7 |
| Hydrocarbons, C <sub>17-30</sub> , hydrotreated distillates, distn. lights   |       |            | Lubricating oils (petroleum), C <sub>24-50</sub> , solvent-extd., dewaxed, hydrogenated   |       |             |
| 308-133-9  | 7C    | 97862-83-4 | 265-110-5   | 8     | 64742-10-5  |
| Hydrocarbons, C <sub>27-45</sub> , naphthenic vacuum distn.  |       |            | Extracts (petroleum), residual oil solvent  |       |             |
| 308-287-7  | 7C    | 97926-68-6 | A complex combination of hydrocarbons obtained as the extract from a solvent extraction process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly higher than C <sub>25</sub> .   |       |             |
| Hydrocarbons, C <sub>27-45</sub> , dearomatized  |       |            | 309-877-7   | 7C    | 101316-72-7 |
| 308-289-8  | 7C    | 97926-70-0 | Lubricating oils (petroleum), C <sub>24-50</sub> , solvent-extd., dewaxed, hydrogenated   |       |             |
| Hydrocarbons, C <sub>20-58</sub> , hydrotreated  |       |            | A complex combination of hydrocarbons obtained by solvent extraction and hydrogenation of atmospheric distillation residues. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>24</sub> through C <sub>50</sub> and produces a finished oil with a viscosity in the order of 16cSt to 75cSt at 40°C (104°F). |       |             |
|  |       |            | 295-332-8   | 8     | 91995-70-9  |
|  |       |            | Extracts (petroleum), deasphalted vacuum residue solvent  |       |             |







| EINECS no  | group | CAS no     | EINECS no   | group | CAS no      |
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| 265-211-4  | 10    | 64743-06-2 |   |       |             |
| <p>Extracts (petroleum), gas oil solvent</p> <p>A complex combination of hydrocarbons obtained as the extract from a solvent extraction process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>13</sub> through C<sub>25</sub> and boiling in the range of approximately 230°C to 400°C (446°F to 752°F).</p>   |       |            | <p>predominantly in the range of C<sub>15</sub> through C<sub>30</sub> and produces a finished oil with a viscosity of approximately 45cSt at 40°C.</p>   |       |             |
| 272-173-2  | 10    | 68782-98-9 | 295-333-3   | 10    | 91995-71-0  |
| <p>Extracts (petroleum), clarified oil solvent, condensed-ring-arom.-contg.</p> <p>A complex combination of hydrocarbons obtained as the extract from a solvent extraction of catalytic cracked clarified oil. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly greater than C<sub>20</sub> and boiling above approximately 350°C (662°F). This stream is likely to contain 5 wt. % or more of 4- to 6-membered condensed ring aromatic hydrocarbons.</p>  |       |            | <p>Extracts (petroleum), gas oil solvent, chem. neutralized</p> <p>A complex combination of hydrocarbons produced by a treating process to remove acidic materials from gas oil solvent petroleum extracts.</p>   |       |             |
| 272-174-8  | 10    | 68782-99-0 | 295-334-9   | 10    | 91995-72-1  |
| <p>Extracts (petroleum), heavy clarified oil solvent, condensed-ring-arom.-contg.</p> <p>A complex combination of hydrocarbons obtained as the extract from the solvent extraction of catalytic cracked clarified oil. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly higher than C<sub>25</sub> and boiling above approximately 425°C (798°F). This stream is likely to contain 5 wt. % or more of 4- to 6-membered condensed ring aromatic hydrocarbons.</p>   |       |            | <p>Extracts (petroleum), gas oil solvent, hydrotreated</p> <p>A complex combination of hydrocarbons obtained by treating gas oil solvent petroleum extracts with hydrogen in the presence of a catalyst.</p>  |       |             |
| 272-177-4  | 10    | 68783-02-8 | 305-590-6   | 10    | 94733-10-5  |
| <p>Extracts (petroleum), intermediate clarified oil solvent, condensed-ring-arom.-contg.</p> <p>A complex combination of hydrocarbons obtained as the extract from a solvent extraction of catalytic cracked clarified oil. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>17</sub> through C<sub>28</sub> and boiling in the range of approximately 375°C to 450°C (708°F to 842°F). This stream is likely to contain 5 wt. % or more of 4- to 6-membered condensed ring aromatic hydrocarbons.</p> |       |            | <p>Extracts (petroleum), hydrocracked residual oil solvent</p> <p>A complex combination of hydrocarbons obtained by solvent treatment of the residue of hydrocracked petroleum. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>18</sub> through C<sub>27</sub> and boiling in the range of approximately 370°C to 450°C (698°F to 842°F).</p>   |       |             |
| 272-179-5  | 10    | 68783-03-9 | 307-012-8   | 10    | 97488-75-0  |
| <p>Extracts (petroleum), light clarified oil solvent, condensed-ring-arom.-contg.</p> <p>A complex combination of hydrocarbons obtained as the extract from the solvent extraction of catalytic cracked clarified oil. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>15</sub> through C<sub>25</sub> and boiling in the range of approximately 340°C to 400°C (644°F to 752°F). This stream is likely to contain 5 wt. % of 4- to 6-membered condensed ring aromatic hydrocarbons.</p>              |       |            | <p>Extracts (petroleum), hydrocracked heavy solvent</p> <p>A complex combination of hydrocarbons obtained by the distillation of solvent treated intermediate and heavy distillates obtained by hydrocracking a petroleum distillate. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C<sub>18</sub> through C<sub>27</sub> and boiling in the range of 370°C to 450°C (698°F to 842°F).</p> |       |             |
| 295-330-7  | 10    | 91995-67-4 | 309-670-1   | 10    | 100684-00-2 |
| <p>Extracts (petroleum), C<sub>15-30</sub>-arom., hydrotreated</p> <p>A complex combination of hydrocarbons obtained by treatment of an aromatic extract with hydrogen. It consists predominantly of hydrocarbons having carbon numbers</p>  |       |            | <p>Extracts (petroleum), carbon-treated gas oil solvent</p> <p>A complex combination of hydrocarbons obtained by the treatment of gas oil solvent petroleum extracts with activated charcoal for the removal of trace polar constituents and impurities.</p>  |       |             |
|  |       |            | 309-671-7   | 10    | 100684-01-3 |
|  |       |            | <p>Extracts (petroleum), clay-treated gas oil solvent</p> <p>A complex combination of hydrocarbons obtained by the treatment of gas oil solvent petroleum extracts with bleaching earth for the removal of trace polar constituents and impurities.</p>   |       |             |
|  |       |            | 309-676-4   | 10    | 100684-06-8 |
|  |       |            | <p>Extracts (petroleum), middle distillate solvent, carbon-treated</p> <p>A complex combination of hydrocarbons obtained by the treatment of middle distillate solvent petroleum extracts with activated charcoal for the removal of trace polar constituents and impurities.</p>   |       |             |
|  |       |            | 309-678-5   | 10    | 100684-07-9 |
|  |       |            | <p>Extracts (petroleum), middle distillate solvent, clay-treated</p> <p>A complex combination of hydrocarbons obtained by the treatment of middle distillate solvent petroleum extracts with bleaching earth for the removal of trace polar constituents and impurities.</p>  |       |             |

| EINECS no   | group | CAS no     | EINECS no   | group | CAS no     |
|---|-------|------------|---|-------|------------|
| 232-315-6   | 11A   | 8002-74-2  |   |       |            |
| <p>Paraffin waxes and Hydrocarbon waxes<br/>A complex combination of hydrocarbons obtained from petroleum fractions by solvent crystallization (solvent deoiling) or by the sweating process. It consists predominantly of straight chain hydrocarbons having carbon numbers predominantly greater than C<sub>20</sub>.</p>   |       |            | <p>presence of a catalyst. It consists predominantly of long, branched chain hydrocarbons having carbon numbers predominantly in the range of C<sub>25</sub> through C<sub>50</sub>.</p>  |       |            |
| 264-038-1   | 11A   | 63231-60-7 | 285-095-9   | 11A   | 85029-72-7 |
| <p>Paraffin waxes and Hydrocarbon waxes, microcryst.<br/>A complex combination of long, branched chain hydrocarbons obtained from residual oils by solvent crystallization. It consists predominantly of saturated straight and branched chain hydrocarbons predominantly greater than C<sub>35</sub>.</p>  |       |            | <p>Hydrocarbon waxes (petroleum), deodorized<br/>A complex combination of hydrocarbons obtained by the treatment of a paraffin fraction with steam under vacuum. The steam volatile and odiferous components were largely removed. It consists predominantly of straight and branched chain hydrocarbons having carbon numbers predominantly in the range of C<sub>20</sub> through C<sub>50</sub>.</p>               |       |            |
| 265-126-2   | 11A   | 64742-26-3 | 292-640-4   | 11A   | 90669-47-9 |
| <p>Hydrocarbon waxes (petroleum), acid-treated<br/>A complex combination of hydrocarbons produced by treating a petroleum wax fraction with sulfuric acid. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly in the range of C<sub>20</sub> through C<sub>50</sub>.</p>   |       |            | <p>Paraffin waxes (petroleum), acid-treated<br/>A complex combination of hydrocarbons obtained as a raffinate from a petroleum wax fraction by a sulfuric acid treating process. It consists predominantly of straight chain saturated hydrocarbons having carbon numbers predominantly greater than C<sub>20</sub>.</p>  |       |            |
| 265-134-6   | 11A   | 64742-33-2 | 295-456-2   | 11A   | 92045-74-4 |
| <p>Hydrocarbon waxes (petroleum), chemically neutralized<br/>A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists predominantly of saturated straight chain hydrocarbons having carbon numbers predominantly in the range of C<sub>20</sub> through C<sub>50</sub>.</p>   |       |            | <p>Paraffin waxes (petroleum), low-melting<br/>A complex combination of hydrocarbons obtained from petroleum fractions by solvent crystallization (solvent deoiling), by sweating or an adducting process. It consists predominantly of straight chain saturated hydrocarbons having carbon numbers predominantly greater than C<sub>12</sub>.</p>  |       |            |
| 265-144-0   | 11A   | 64742-42-3 | 295-457-8   | 11A   | 92045-75-5 |
| <p>Hydrocarbon waxes (petroleum), clay-treated microcryst.<br/>A complex combination of hydrocarbons obtained by treatment of a petroleum microcrystalline wax fraction with natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists predominantly of long branched chain hydrocarbons having carbon numbers predominantly in the range of C<sub>25</sub> through C<sub>50</sub>.</p> |       |            | <p>Paraffin waxes (petroleum), low-melting, hydrotreated<br/>A complex combination of hydrocarbons obtained from petroleum fractions by solvent crystallization (solvent deoiling), by sweating or an adducting process, treated with hydrogen in the presence of a catalyst. It consists predominantly of straight chain saturated hydrocarbons having carbon numbers predominantly greater than C<sub>12</sub>.</p> |       |            |
| 265-145-6   | 11A   | 64742-43-4 | 295-458-3   | 11A   | 92045-76-6 |
| <p>Paraffin waxes (petroleum), clay-treated<br/>A complex combination of hydrocarbons obtained by treatment of a petroleum wax fraction with natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists predominantly of straight chain saturated hydrocarbons having carbon numbers in the range of C<sub>20</sub> through C<sub>50</sub>.</p>  |       |            | <p>Paraffin waxes and Hydrocarbon waxes, microcryst., hydroc treated<br/>A complex combination of hydrocarbons obtained from residual oils by solvent crystallisation and treated with hydrogen in the presence of a catalyst. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C<sub>25</sub>.</p>                                   |       |            |
| 265-154-5   | 11A   | 64742-51-4 | 307-045-8   | 11A   | 97489-05-9 |
| <p>Paraffin waxes (petroleum), hydrotreated<br/>A complex combination of hydrocarbons obtained by treating a petroleum wax with hydrogen in the presence of a catalyst. It consists predominantly of straight chain paraffinic hydrocarbons having carbon numbers predominantly in the range of about C<sub>20</sub> through C<sub>50</sub>.</p>  |       |            | <p>Paraffin waxes and Hydrocarbon waxes, C<sub>19-38</sub></p>  |       |            |
| 265-163-4   | 11A   | 64742-60-5 | 308-140-7   | 11A   | 97862-89-0 |
| <p>Hydrocarbon waxes (petroleum), hydrotreated microcryst.<br/>A complex combination of hydrocarbons obtained by treating a petroleum microcrystalline wax with hydrogen in the</p>   |       |            | <p>Paraffin waxes (petroleum), carbon-treated<br/>A complex combination of hydrocarbons obtained by the treatment of petroleum fractions with activated carbon for removal of the trace constituents and impurities. It consists predominantly of saturated straight chain hydrocarbons having carbon numbers predominantly greater than C<sub>20</sub>.</p>  |       |            |
|   |       |            | 308-141-2   | 11A   | 97862-90-3 |
|   |       |            | <p>Paraffin waxes (petroleum), low-melting, carbon-treated</p>  |       |            |

| EINECS no  | group      | CAS no            | EINECS no   | group      | CAS no  |
|--|------------|-------------------|---|------------|---|
|  |            |                   |   |            | chain hydrocarbons having carbon numbers predominantly greater than C <sub>25</sub> . |
|  |            |                   | <b>265-171-8</b>  | <b>11B</b> | <b>64742-67-2</b>   |
|  |            |                   | Foots oil (petroleum)   |            |   |
|  |            |                   | A complex combination of hydrocarbons obtained as the oil fraction from a solvent deoiling or a wax sweating process. It consists predominantly of branched chain hydrocarbons having carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> .  |            |   |
| <b>308-142-8</b>   | <b>11A</b> | <b>97862-91-4</b> | <b>300-225-7</b>  | <b>11B</b> | <b>93924-31-3</b>   |
| Paraffin waxes (petroleum), low-melting, clay-treated  |            |                   | Foots oil (petroleum), acid-treated   |            |   |
| A complex combination of hydrocarbons obtained by the treatment of low-melting petroleum fractions with bentonite for removal of trace constituents and impurities. It consists predominantly of saturated straight chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> .                    |            |                   | A complex combination of hydrocarbons obtained by treatment of Foot's oil with sulfuric acid. It consists predominantly of branched-chain hydrocarbons with carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> .  |            |   |
| <b>308-143-3</b>   | <b>11A</b> | <b>97862-92-5</b> | <b>300-226-2</b>  | <b>11B</b> | <b>93924-32-4</b>   |
| Paraffin waxes (petroleum), low-melting, silicic acid-treated  |            |                   | Foots oil (petroleum), clay-treated   |            |   |
| A complex combination of hydrocarbons obtained by the treatment of low-melting petroleum fractions with silicic acid for removal of trace constituents and impurities. It consists predominantly of saturated straight chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> .                 |            |                   | A complex combination of hydrocarbons obtained by treatment of Foot's oil with natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists predominantly of branched chain hydrocarbons with carbon numbers predominantly in the range of C <sub>20</sub> through C <sub>50</sub> . |            |   |
| <b>308-144-9</b>   | <b>11A</b> | <b>97862-93-6</b> | <b>308-126-0</b>  | <b>11B</b> | <b>97862-76-5</b>   |
| Paraffin waxes (petroleum), silicic acid-treated   |            |                   | Foots oil (petroleum), carbon-treated   |            |   |
| A complex combination of hydrocarbons obtained by the treatment of petroleum paraffin waxes with silicic acid for the removal of trace polar constituents and impurities. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>20</sub> . |            |                   | A complex combination of hydrocarbons obtained by the treatment of Foots oil with activated carbon for the removal of trace constituents and impurities. It consists predominantly of saturated straight chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> .  |            |   |
| <b>308-145-4</b>   | <b>11A</b> | <b>97862-94-7</b> | <b>308-127-6</b>  | <b>11B</b> | <b>97862-77-6</b>   |
| Paraffin waxes and Hydrocarbon waxes, microcryst., carbon- $\alpha$ treated  |            |                   | Foots oil (petroleum), silicic acid-treated   |            |   |
| A complex combination of hydrocarbons obtained from residual oils by solvent crystallization treated with activated carbon for removal of trace polar constituents and impurities. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers greater than C <sub>25</sub> .      |            |                   | A complex combination of hydrocarbons obtained by the treatment of Foots oil with silicic acid for removal of trace constituents and impurities. It consists predominantly of straight chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> .  |            |   |
| <b>308-147-5</b>   | <b>11A</b> | <b>97862-95-8</b> | <b>265-165-5</b>  | <b>11C</b> | <b>64742-61-6</b>   |
| Paraffin waxes and Hydrocarbon waxes, microcryst., clay-treated  |            |                   | Slack wax (petroleum)   |            |   |
| A complex combination of hydrocarbons obtained from residual oils by solvent crystallization treated with bentonite for removal of trace polar constituents and impurities. It consists predominantly of saturated straight and branched hydrocarbons having carbon numbers predominantly greater than C <sub>25</sub> .     |            |                   | A complex combination of hydrocarbons obtained from a petroleum fraction by solvent crystallization (solvent dewaxing) or as a distillation fraction from a very waxy crude. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>20</sub> .   |            |   |
| <b>308-148-0</b>   | <b>11A</b> | <b>97862-96-9</b> | <b>292-659-8</b>  | <b>11C</b> | <b>90669-77-5</b>   |
| Paraffin waxes and Hydrocarbon waxes, microcryst., silicic acid- $\alpha$ treated  |            |                   | Slack wax (petroleum), acid-treated   |            |   |
| A complex combination of hydrocarbons obtained from residual oils by solvent crystallization treated with silicic acid for removal of trace polar constituents and impurities. It consists predominantly of saturated straight and branched  |            |                   | A complex combination of hydrocarbons obtained as a raffinate by treatment of a petroleum slack wax fraction with sulfuric acid treating process. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>20</sub> .  |            |   |
|  |            |                   | <b>292-660-3</b>  | <b>11C</b> | <b>90669-78-6</b>   |
|  |            |                   | Slack wax (petroleum), clay-treated   |            |   |

| EINECS no   | group | CAS no      | EINECS no   | group | CAS no      |
|---|-------|-------------|---|-------|-------------|
|   |       |             |   |       |             |
|   |       |             | 232-373-2   | 11D   | 8009-03-8   |
|   |       |             | Petrolatum  |       |             |
|   |       |             | A complex combination of hydrocarbons obtained as a semi-solid from dewaxing paraffinic residual oil. It consists predominantly of saturated crystalline and liquid hydrocarbons having carbon numbers predominantly greater than C <sub>25</sub> .   |       |             |
| 295-523-6   | 11C   | 92062-09-4  | 265-206-7   | 11D   | 64743-01-7  |
| Slack wax (petroleum), hydrotreated   |       |             | Petrolatum (petroleum), oxidized  |       |             |
| A complex combination of hydrocarbons obtained by treating slack wax with hydrogen in the presence of a catalyst. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>20</sub> .  |       |             | A complex combination of organic compounds, predominantly high molecular weight carboxylic acids, obtained by the air oxidation of petrolatum.  |       |             |
| 295-524-1   | 11C   | 92062-10-7  | 285-098-5   | 11D   | 85029-74-9  |
| Slack wax (petroleum), low-melting  |       |             | Petrolatum (petroleum), alumina-treated   |       |             |
| A complex combination of hydrocarbons obtained from a petroleum fraction by solvent deparaffination. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> .   |       |             | A complex combination of hydrocarbons obtained when petrolatum is treated with Al <sub>2</sub> O <sub>3</sub> to remove polar components and impurities. It consists predominantly of saturated, crystalline, and liquid hydrocarbons having carbon numbers predominantly greater than C <sub>25</sub> .    |       |             |
| 295-525-7   | 11C   | 92062-11-8  | 295-459-9   | 11D   | 92045-77-7  |
| Slack wax (petroleum), low-melting, hydrotreated  |       |             | Petrolatum (petroleum), hydrotreated  |       |             |
| A complex combination of hydrocarbons obtained by treatment of low-melting petroleum slack wax with hydrogen in the presence of a catalyst. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> .                                      |       |             | A complex combination of hydrocarbons obtained as a semi-solid from dewaxed paraffinic residual oil treated with hydrogen in the presence of a catalyst. It consists predominantly of saturated microcrystalline and liquid hydrocarbons having carbon numbers predominantly greater than C <sub>20</sub> . |       |             |
| 308-155-9   | 11C   | 97863-04-2  | 308-149-6   | 11D   | 97862-97-0  |
| Slack wax (petroleum), low-melting, carbon-treated  |       |             | Petrolatum (petroleum), carbon-treated  |       |             |
| A complex combination of hydrocarbons obtained by the treatment of low-melting slack wax with activated carbon for the removal of trace polar constituents and impurities. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> .       |       |             | A complex combination of hydrocarbons obtained by the treatment of petroleum petrolatum with activated carbon for the removal of trace polar constituents and impurities. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly greater than C <sub>20</sub> .            |       |             |
| 308-156-4   | 11C   | 97863-05-3  | 308-150-1   | 11D   | 97862-98-1  |
| Slack wax (petroleum), low-melting, clay-treated  |       |             | Petrolatum (petroleum), silicic acid-treated  |       |             |
| A complex combination of hydrocarbons obtained by the treatment of low-melting petroleum slack wax with bentonite for removal of trace polar constituents and impurities. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> .        |       |             | A complex combination of hydrocarbons obtained by the treatment of petroleum petrolatum with silicic acid for the removal of trace polar constituents and impurities. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly greater than C <sub>20</sub> .                |       |             |
| 308-158-5   | 11C   | 97863-06-4  | 309-706-6   | 11D   | 100684-33-1 |
| Slack wax (petroleum), low-melting, silicic acid-treated  |       |             | Petrolatum (petroleum), clay-treated  |       |             |
| A complex combination of hydrocarbons obtained by the treatment of low-melting petroleum slack wax with silicic acid for the removal of trace polar constituents and impurities. It consists predominantly of saturated straight and branched chain hydrocarbons having carbon numbers predominantly greater than C <sub>12</sub> . |       |             | A complex combination of hydrocarbons obtained by treatment of petrolatum with bleaching earth for the removal of traces of polar constituents and impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of greater than C <sub>25</sub> .                 |       |             |
| 309-723-9   | 11C   | 100684-49-9 | 265-125-7   | 12    | 64742-25-2  |
| Slack wax (petroleum), carbon-treated   |       |             | Lubricating oils (petroleum), acid-treated spent  |       |             |
| A complex combination of hydrocarbons obtained by treatment of petroleum slack wax with activated charcoal for the removal of trace polar constituents and impurities.  |       |             | A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid treating process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>15</sub> through C <sub>50</sub> .  |       |             |
|   |       |             | 265-133-0   | 12    | 64742-32-1  |
|   |       |             | Lubricating oils (petroleum), chemically neutralized spent  |       |             |



| EINECS no   | group     | CAS no             | EINECS no  | group     | CAS no            |
|---|-----------|--------------------|--|-----------|-------------------|
|   |           |                    | <b>265-080-3</b>   | <b>14</b> | <b>64741-79-3</b> |
|   |           |                    | Coke (petroleum)   |           |                   |
|   |           |                    | A solid material resulting from high temperature treatment of petroleum fractions. It consists of carbonaceous material and contains some hydrocarbons having a high carbon-to-hydrogen ratio.   |           |                   |
| <b>307-353-2</b>  | <b>13</b> | <b>97593-48-1</b>  | <b>265-209-3</b>   | <b>14</b> | <b>64743-04-0</b> |
| Pitch, petroleum, oxidized  |           |                    | Coke (petroleum), recovery   |           |                   |
| The product obtained by oxidation of petroleum pitch in air at temperatures in the range of approximately 200°C to 300°C (392°F to 572°F).  |           |                    | A carbonaceous substance recovered from acid sludge after removal of acidic material at high temperature (e.g., approximately 537.8°C (1000°F)).   |           |                   |
| <b>309-713-4</b>  | <b>13</b> | <b>100684-40-0</b> | <b>265-210-9</b>   | <b>14</b> | <b>64743-05-1</b> |
| Residues (petroleum), vacuum distn. residue hydrogenation   |           |                    | Coke (petroleum), calcined   |           |                   |
| A complex combination of hydrocarbons obtained as a residue from the distillation of crude oil under vacuum. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range above C <sub>50</sub> and boiling in the range above approximately 500°C (932°F). |           |                    | A complex combination of carbonaceous material including extremely high molecular weight hydrocarbons obtained as a solid material from the calcining of petroleum coke at temperatures in excess of 1000°C (1800°F). The hydrocarbons present in calcined coke have a very high carbon-to-hydrogen ratio. |           |                   |



*ANNEX II*

**LIST OF SUBSTANCES EXEMPT FROM THE PROVISIONS OF ARTICLES 3 AND 4**

| EINECS no | group   | CAS no    | EINECS no | group   | CAS no                        |
|-----------|---|-----------|-----------|---|-------------------------------|
| 200-061-5 | D-glucitol C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>  | 50-70-4   | 231-791-2 | water, distilled, conductivity or of similar purity   | 7732-18-5<br>H <sub>2</sub> O |
| 200-066-2 | ascorbic acid C <sub>6</sub> H <sub>8</sub> O <sub>6</sub>  | 50-81-7   | 231-955-3 | Graphite C  | 7782-42-5                     |
| 200-075-1 | glucose C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>   | 50-99-7   | 232-273-9 | Sunflower oil   | 8001-21-6                     |
| 200-294-2 | L-lysine C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>   | 56-87-1   |           | Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acids linoleic and oleic. ( <i>Helianthus annuus</i> , <i>Compositae</i> ).   |                               |
| 200-312-9 | palmitic acid, pure C <sub>16</sub> H <sub>32</sub> O <sub>2</sub>  | 57-10-3   | 232-274-4 | Soybean oil   | 8001-22-7                     |
| 200-313-4 | stearic acid, pure C <sub>18</sub> H <sub>36</sub> O <sub>2</sub>   | 57-11-4   |           | Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acids linoleic, oleic, palmitic and stearic. ( <i>Soja hispida</i> , <i>Leguminosae</i> ).  |                               |
| 200-334-9 | sucrose, pure C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>   | 57-50-1   | 232-276-5 | Safflower oil   | 8001-23-8                     |
| 200-405-4 | α-tocopheryl acetate C <sub>31</sub> H <sub>52</sub> O <sub>3</sub>   | 58-95-7   |           | Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acid linoleic. ( <i>Carcotamus tinctorius</i> , <i>Compositae</i> ).  |                               |
| 200-432-1 | DL-methionine C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S  | 59-51-8   | 232-278-6 | Linseed oil   | 8001-26-1                     |
| 200-711-8 | D-mannitol C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>  | 69-65-8   |           | Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acids linoleic, linolenic and oleic. ( <i>Linum usitatissimum</i> , <i>Linaceae</i> ).  |                               |
| 201-771-8 | l-Sorbose C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>   | 87-79-6   | 232-281-2 | Corn oil  | 8001-30-7                     |
| 204-007-1 | oleic acid, pure C <sub>18</sub> H <sub>34</sub> O <sub>2</sub>   | 112-80-1  |           | Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acids linoleic, oleic, palmitic and stearic. ( <i>Zea mays</i> , <i>Gramineae</i> ).  |                               |
| 204-664-4 | glycerol stearate, pure C <sub>21</sub> H <sub>42</sub> O <sub>4</sub>  | 123-94-4  | 232-293-8 | Castor oil  | 8001-79-4                     |
| 204-696-9 | carbon dioxide CO <sub>2</sub>  | 124-38-9  |           | Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acid ricinoleic. ( <i>Ricinus communis</i> , <i>Euphorbiaceae</i> ).  |                               |
| 205-278-9 | calcium pantothenate, D-form C <sub>9</sub> H <sub>17</sub> NO <sub>5</sub> ·1/2Ca                                  | 137-08-6  | 232-299-0 | Rape oil  | 8002-13-9                     |
| 205-582-1 | lauric acid, pure C <sub>12</sub> H <sub>24</sub> O <sub>2</sub>  | 143-07-7  |           | Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acids erucic, linoleic and oleic. ( <i>Brassica napus</i> , <i>Cruciferae</i> ).  |                               |
| 205-590-5 | potassium oleate C <sub>18</sub> H <sub>34</sub> O <sub>2</sub> ·K  | 143-18-0  | 232-307-2 | Lecithins   | 8002-43-5                     |
| 205-756-7 | DL-phenylalanine C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>   | 150-30-1  |           | The complex combination of diglycerides of fatty acids linked to the choline ester of phosphoric acid.  |                               |
| 208-407-7 | sodium gluconate C <sub>6</sub> H <sub>12</sub> O <sub>7</sub> ·Na  | 527-07-1  | 232-436-4 | Syrups, hydrolyzed starch   | 8029-43-4                     |
| 212-490-5 | sodium stearate, pure C <sub>18</sub> H <sub>36</sub> O <sub>2</sub> ·Na  | 822-16-2  |           | A complex combination obtained by the hydrolysis of cornstarch by the action of acids or enzymes. It consists primarily of d-glucose, maltose and maltodextrins.  |                               |
| 215-279-6 | Limestone<br>A noncombustible solid characteristic of sedimentary rock. It consists primarily of calcium carbonate. | 1317-65-3 | 232-442-7 | Tallow, hydrogenated  | 8030-12-4                     |
| 215-665-4 | sorbitan oleate C <sub>24</sub> H <sub>44</sub> O <sub>6</sub>  | 1338-43-8 | 232-675-4 | Dextrin   | 9004-53-9                     |
| 216-472-8 | calcium distearate, pure C <sub>18</sub> H <sub>36</sub> O <sub>2</sub> ·1/2Ca                                      | 1592-23-0 | 232-679-6 | Starch  | 9005-25-8                     |
| 231-147-0 | argon Ar  | 7440-37-1 |           | High-polymeric carbohydrate material usually derived from cereal grains such as corn, wheat and sorghum, and from roots and tubers such as potatoes and tapioca. Includes starch which has been pregelatinized by heating in the presence of water. |                               |
| 231-153-3 | carbon C  | 7440-44-0 |           |   |                               |
| 231-783-9 | nitrogen N <sub>2</sub>   | 7727-37-9 |           |   |                               |

| EINECS no | group   | CAS no     | EINECS no | group  | CAS no     |
|-----------|---|------------|-----------|--|------------|
| 232-940-4 | Maltodextrin  | 9050-36-6  | 266-948-4 | Glycerides, C <sub>16-18</sub> and C <sub>18</sub> -unsatd.<br>This substance is identified by SDA Substance Name : C <sub>16</sub> -C <sub>18</sub><br>and C <sub>18</sub> unsaturated trialkyl glyceride and SDA Reporting<br>Number : 11-001-00.  | 67701-30-8 |
| 234-328-2 | Vitamin A   | 11103-57-4 | 267-007-0 | Fatty acids, C <sub>14-18</sub> and C <sub>16-18</sub> -unsatd., Me esters<br>This substance is identified by SDA Substance Name : C <sub>14</sub> -C <sub>18</sub><br>and C <sub>16</sub> -C <sub>18</sub> unsaturated alkyl carboxylic acid methyl ester<br>and SDA Reporting Number : 04-010-00.  | 67762-26-9 |
| 238-976-7 | sodium D-gluconate C <sub>6</sub> H <sub>12</sub> O <sub>7</sub> .xNa   | 14906-97-9 | 267-013-3 | Fatty acids, C <sub>6-12</sub><br>This substance is identified by SDA Substance Name : C <sub>6</sub> -C <sub>12</sub><br>alkyl carboxylic acid and SDA Reporting Number : 13-0<br>005-00.   | 67762-36-1 |
| 248-027-9 | D-glucitol monostearate C <sub>24</sub> H <sub>48</sub> O <sub>7</sub>  | 26836-47-5 | 268-099-5 | Fatty acids, C <sub>14-22</sub> and C <sub>16-22</sub> unsatd.<br>This substance is identified by SDA Substance Name : C <sub>14</sub> -C <sub>22</sub><br>and C <sub>16</sub> -C <sub>22</sub> unsaturated alkyl carboxylic acid and SDA<br>Reporting Number : 07-005-00.   | 68002-85-7 |
| 262-988-1 | Fatty acids, coco, Me esters  | 61788-59-8 | 268-616-4 | Syrups, corn, dehydrated   | 68131-37-3 |
| 262-989-7 | Fatty acids, tallow, Me esters  | 61788-61-2 | 269-657-0 | Fatty acids, soya  | 68308-53-2 |
| 263-060-9 | Fatty acids, castor-oil   | 61789-44-4 | 269-658-6 | Glycerides, tallow mono-, di- and tri-, hydrogenated   | 68308-54-3 |
| 263-129-3 | Fatty acids, tallow   | 61790-37-2 | 270-298-7 | Fatty acids, C <sub>14-22</sub>  | 68424-37-3 |
| 266-925-9 | Fatty acids, C <sub>12-18</sub><br>This substance is identified by SDA Substance Name : C <sub>12</sub> -C <sub>18</sub><br>alkyl carboxylic acid and SDA Reporting Number : 16-0<br>005-00.  | 67701-01-3 | 270-304-8 | Fatty acids, linseed-oil   | 68424-45-3 |
| 266-928-5 | Fatty acids, C <sub>16-18</sub><br>This substance is identified by SDA Substance Name : C <sub>16</sub> -C <sub>18</sub><br>alkyl carboxylic acid and SDA Reporting Number : 19-0<br>005-00.  | 67701-03-5 | 270-312-1 | Glycerides, C <sub>16-18</sub> and C <sub>18</sub> -unsatd. mono- and di-<br>This substance is identified by SDA Substance Name : C <sub>16</sub> -C <sub>18</sub><br>and C <sub>18</sub> unsaturated alkyl and C <sub>16</sub> -C <sub>18</sub> and C <sub>18</sub> unsatur-<br>ated dialkyl glyceride and SDA Reporting Number : 11-0<br>002-00. | 68424-61-3 |
| 266-929-0 | Fatty acids, C <sub>8-18</sub> and C <sub>18</sub> -unsatd.<br>This substance is identified by SDA Substance Name : C <sub>8</sub> -C <sub>18</sub><br>and C <sub>18</sub> unsaturated alkyl carboxylic acid and SDA<br>Reporting Number : 01-005-00.                       | 67701-05-7 | 288-123-8 | Glycerides, C <sub>10-18</sub>   | 85665-33-4 |
| 266-930-6 | Fatty acids, C <sub>14-18</sub> and C <sub>16-18</sub> -unsatd.<br>This substance is identified by SDA Substance Name : C <sub>14</sub> -C <sub>18</sub><br>and C <sub>16</sub> -C <sub>18</sub> unsaturated alkyl carboxylic acid and SDA<br>Reporting Number : 04-005-00. | 67701-06-8 | 292-771-7 | Fatty acids, C <sub>12-14</sub>  | 90990-10-6 |
| 266-932-7 | Fatty acids, C <sub>16-18</sub> and C <sub>18</sub> -unsatd.<br>This substance is identified by SDA Substance Name : C <sub>16</sub> -C <sub>18</sub><br>and C <sub>18</sub> unsaturated alkyl carboxylic acid and SDA<br>Reporting Number : 11-005-00.                     | 67701-08-0 | 292-776-4 | Fatty acids, C <sub>12-18</sub> and C <sub>18</sub> -unsatd.   | 90990-15-1 |
|           |   |            | 296-916-5 | Fatty acids, rape-oil, erucic acid-low   | 93165-31-2 |

## ANNEX III

## INFORMATION REFERRED TO IN ARTICLE 3

1. **General information**
  - 1.1. Name of substance
  - 1.2. Eines No
  - 1.3. CAS No
  - 1.4. Synonyms
  - 1.5. Purity
  - 1.6. Impurities
  - 1.7. Molecular formula
  - 1.8. Structural formula
  - 1.9. Type of substance
  - 1.10. Physical state
  - 1.11. Please indicate who is submitting the data set
  - 1.12. Quantity produced or imported, greater than 1 000 tonnes per year
  - 1.13. Indicate if the substance has been produced during the last 12 months
  - 1.14. Indicate if the substance has been imported during the last 12 months
  - 1.15. Classification and labelling
  - 1.16. Use pattern
  - 1.17. Has the complete data set already been submitted by another manufacturer or importer?
  - 1.18. Specify if you are acting on behalf of another concerned manufacturer or importer
  - 1.19. Other remarks: (e. g. options for disposal)
2. **Physical-chemical data**
  - 2.1. Melting point
  - 2.2. Boiling point
  - 2.3. Density
  - 2.4. Vapour pressure
  - 2.5. Partition coefficient ( $\log_{10} P_{OW}$ )
  - 2.6. Water solubility
  - 2.7. Flash point
  - 2.8. Auto flammability
  - 2.9. Flammability
  - 2.10. Explosive properties
  - 2.11. Oxidizing properties
  - 2.12. Other data and remarks
3. **Environmental fate and pathways**
  - 3.1. Stability
    - 3.1.1. Photodegradation
    - 3.1.2. Stability in water
    - 3.1.3. Stability in soil
  - 3.2. Monitoring data (environment)
  - 3.3. Transport and distribution between environmental compartments including estimated environmental concentrations and distribution pathways
    - 3.3.1. Transport
    - 3.3.2. Distribution among environmental compartments
  - 3.4. Biodegradation
  - 3.5. Bioaccumulation
  - 3.6. Other remarks

4. **Ecotoxicity**
  - 4.1. Toxicity to fish
  - 4.2. Toxicity to daphnia and other aquatic invertebrates
  - 4.3. Toxicity to algae
  - 4.4. Toxicity to bacteria
  - 4.5. Toxicity to terrestrial organisms
  - 4.6. Toxicity to soil dwelling organisms
  - 4.7. Other remarks
5. **Toxicity**
  - 5.1. Acute toxicity
    - 5.1.1. Acute oral toxicity
    - 5.1.2. Acute inhalation toxicity
    - 5.1.3. Acute dermal toxicity
    - 5.1.4. Acute toxicity (other routes of administration)
  - 5.2. Corrosiveness and irritation
    - 5.2.1. Skin irritation
    - 5.2.2. Eye irritation
  - 5.3. Sensitization
  - 5.4. Repeated dose toxicity
  - 5.5. Genetic toxicity *in vitro*
  - 5.6. Genetic toxicity *in vivo*
  - 5.7. Carcinogenicity
  - 5.8. Toxicity to reproduction
  - 5.9. Other relevant information
  - 5.10. Experience with human exposure
6. **List of references**

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ANNEX IV

INFORMATION REFERRED TO IN ARTICLE 4 (1)

1. **General information**
    - 1.1. Name of substance
    - 1.2. EINECS No
    - 1.3. CAS No
    - 1.4. Synonyms
    - 1.5. Purity
    - 1.6. Impurities
    - 1.7. Molecular formula
    - 1.8. Structural formula
    - 1.9. Type of substance
    - 1.10. Physical state
    - 1.11. Please indicate who is submitting the data set
    - 1.12. Quantity produced or imported exceeding 10 tonnes per year but not greater than 1 000 tonnes
    - 1.13. Indicate if the substance has been produced during the last 12 months
    - 1.14. Indicate if the substance has been imported during the last 12 months
    - 1.15. Classification and labelling
    - 1.16. Use pattern
    - 1.17. Other remarks
-

## ANNEX V

## COMMUNITY INFORMATION OFFICES

The special software packages are available, on diskette, at the following information offices in the Community

**Germany***Bonn*

Kommission der Europäischen Gemeinschaften  
Vertretung in der Bundesrepublik Deutschland

Zitelmannstraße 22  
D-5300 Bonn  
Telex 88 66 48 EUROP D  
Telefax 5 30 09 50

*Berlin*

Kommission der Europäischen Gemeinschaften  
Vertretung in der Bundesrepublik Deutschland  
Außenstelle Berlin

Kurfürstendamm 102  
D-1000 Berlin 31  
Telex 18 40 15 EUROP D  
Telefax 8 92 20 59

*Munich*

Kommission der Europäischen Gemeinschaften  
Vertretung in der Bundesrepublik Deutschland  
Vertretung in München

Erhardtstraße 27  
D-8000 München 2  
Telex 5 21 81 35  
Telefax 2 02 10 15

**Belgium***Brussels*

(a) Commission des Communautés européennes  
Bureau en Belgique

(b) Commissie van de Europese Gemeenschappen  
Bureau in België

Rue Archimede 73, B-1040 Bruxelles  
Archimedesstraat 73, B-1040 Brussel  
Telex 26657 COMTNF B  
Telefax 2 35 01 66

**Denmark***Copenhagen*

Kommissionen for De Europæiske Fællesskaber  
Kontor in Danmark

Højbrohus  
Østergade 61  
Postbox 144  
DK-1004 København K 33  
Telex 1 64 02 COMEUR DK  
Telefax 33 11 12 03/33 14 12 44

**Spain***Madrid*

Comisión de las Comunidades Europeas  
Oficina en España

Calle de Serrano 41  
5ª planta  
E-28001 Madrid  
Telex 4 68 18 OIPE E  
Telefax 2 76 03 87

*Barcelona*

Edificio Atlantico  
Av. Diagonal, 407 bis, Planta 18  
08008 Barcelona  
Telefax 415 63 11

**France***Paris*

Commission des Communautés européennes  
Bureau de représentation en France

288, Bld. St. Germain  
F-75007 Paris  
Telex Paris 611019 COMEUR  
Telefax 1 45 56 94 19/7

*Marseilles*

Commission des Communautés européennes  
Bureau à Marseille

CMCI  
2, rue Henri-Barbusse  
F-13241 Marseille Cedex 01  
Telex 40 25 38 EURMA  
Telefax 91 90 98 07

**Greece***Athens*

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2 Vassilissis Sofias  
Case postale 1 10 02  
GR-Athina 10674  
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Telefax 7 24 46 20

**Ireland***Dublin*

Commission of the European Communities  
Office in Ireland

39 Molesworth Street  
IRL-Dublin 2  
Telex 9 38 27 EUCO EI  
Telefax 71 26 57

**Italy***Roma*

Commissione delle Comunità europee  
Ufficio in Italia

Via Poli 29  
I-00187 Roma  
Telex 61 01 84 EUROMA I  
Telefax 6 79 16 58

*Milan*

Commissione delle Comunità europee  
Ufficio a Milano

Corso Magenta 59  
I-20123 Milano  
Telex 31 62 00 EURMIL I  
Telefax 4 81 85 43

**Luxembourg***Luxembourg*

Commission des Communautés européennes  
Bureau au Luxembourg

Bâtiment Jean Monnet B/0  
Rue Alcide De Gasperi  
L-2920 Luxembourg  
Telex 34 23/34 46/34 76 COMEUR LU  
Telefax 43 01 44 33

**Netherlands***The Hague*

Commissie van de Europese Gemeenschappen  
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Korte Vijverberg 5  
NL-2513 AB Den Haag  
Telex 3 10 94 EURCO NL  
Telefax 364 66 19

**Portugal***Lisbon*

Comissão das Comunidades Europeias  
Gabinete em Portugal

Centro Europeu Jean Monnet  
Largo Jean Monnet 1 - 10º  
P-1200 Lisboa  
Telex 18810 COMEUR P  
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**United Kingdom***London*

Commission of the European Communities  
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Jean Monnet House  
8 Storey's Gate  
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*Belfast*

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Windsor House  
9/15 Bedford Street  
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*Cardiff*

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Office in Wales

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PO Box 15  
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Telefax 39 54 89

*Edinburgh*

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Office in Scotland

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Telefax 2 26 41 05