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Reports of the Scientific Committee for Food

(30th series)

Report

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Third addendum to the first report of the Scientific Committee for Food on certain monomers and other starting substances to be used in the manufacturing of plastic materials intended to come into contact with foodstuffs

(Opinion expressed on 19 June 1991)

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Third addendum to the first report of the Scientific Committee for Food on certain monomers and other starting substances to be used in the manufacturing of plastic materials intended to come into contact with foodstuffs

(Opinion expressed 19th June 1991)

Terms of reference

To advise on the toxicological assessment of certain monomers which could migrate into food from plastic materials and articles intended to come into contact with foodstuffs.

Background

The Scientific Committee for Food ("the Committee") has already published various reports on toxicological assessment of certain monomers and other starting substances hereinafter referred to as "monomers" used in the manufacture of plastic materials and articles intended to come into contact with foodstuffs [1,2,3] which comply with the definition of plastic materials and articles reported in the **Directive 90/128/EEC** [4]. Subsequently the Commission of the European Communities has requested the Committee a) to evaluate an additional group of monomers; b) to re-evaluate some monomers for which additional data have been supplied or for which some inconsistencies appeared in the previous reports. The Annex III lists in alphabetical and/or PM/REF ("EEC packaging material reference number") order all the substances examined in this report.

Current Review

1. The Committee was informed by the Commission that it is intended to regulate plastic materials and articles coming into contact with food by directives based on the principle of positive lists.

   In elaborating its advice the Committee has taken into consideration its toxicological guidelines established in 1976 [5] and revised in 1990 [6]. Each substance examined in this report was evaluated on the basis of information on its properties, on its use in plastic

materials and articles and of toxicity data submitted to the Committee. Unpublished data available to the Committee are listed among the references. Only the main sources of information on which it has based its assessment have been indicated.

2. In some cases the evaluation of the Committee differs from that of the Council of Europe [7], because new toxicological data have become available for some of the listed substances subsequent to the publication of the Council of Europe report and because new scientific developments in toxicology, e.g. concerning genotoxicity, have been taken into consideration.

3. For the purposes of this report the Committee has endorsed acceptable daily intakes (ADI) already established by this Committee or by JECFA. When JECFA ADIs were used the Committee did not necessarily review the data base for the JECFA decision. Intake from packaging materials should be included within the quantity ingested from food additive use. The Committee stresses that the acceptance of an ADI figure, in the context of this evaluation of monomers used in the manufacture of plastic materials does not necessarily mean the endorsement of the figure for food additive use.

   The Committee also endorsed provisional maximum tolerable daily intakes (PMTDI) or provisional tolerable weekly intakes (PTWI) set by JECFA for contaminants. In former times JECFA used the terminology "not limited". At the 18th JECFA meeting this classification was changed to "not specified" as this was found more appropriate. In line with the background for the latter decision SCF has for reasons of consistency used the classification "not specified" throughout. Some substances which have not been found acceptable for direct food uses may still be considered acceptable for inclusion in plastic materials since concentrations in food from migration would be so low as to be toxicologically acceptable.

4. The Committee established tolerable daily intakes (TDI) where the data sufficed for this purpose and temporary TDIs (t-TDI) where additional data are required. In selecting this approach the Committee was aware that the available toxicological data were less extensive than in the case of food additives (eg. reproduction, teratogenicity or mutagenicity data sometimes were incomplete or lacking.) Therefore, in establishing these TDIs a particularly cautious approach was chosen involving the choice of a larger safety factor than usual. The Committee considered that some monomers which could migrate potentially from plastic materials and articles might also migrate from other materials, when present therein, into the same or other foods or might be ingested from other sources. The TDIs need not be restricted in their applicability to substances used in plastic materials and articles. The TDIs are valid equally if these substances are used as components in the manufacture of any other group of materials and articles for food packaging.

5. The Committee emphasises that, even when a monomer is toxicologically acceptable, for reasons of food quality, migration of such a substance into foods from plastic materials and articles should be as low as possible and therefore recommended that the finished plastic materials and articles contain the lowest possible level of residual free monomer. This may also avoid a situation in which most of a TDI is taken up by a substance approved for use in plastic materials and articles and thus blocking its use in other packaging materials and articles, where it might also be technologically required.

6. Conclusions on the toxicological assessment – with selected references – were prepared for those substances for which the Committee was able to express an opinion. The Committee considered that the assessment of substances in lists 6-9 posed a number of difficulties due to incompleteness or absence of data or because the data indicated that the substance might have toxic properties.

7. List 4 contains some substances for which sensitive methods of analysis have been developed and for which very low migration limits have been set. For other substances on List 4 similar sensitive methods should be developed so that appropriate low migration limits could be defined. The Committee recommends that appropriate sensitive methods of analysis should be developed within three years of publication of this report.

8. The Committee considered that substances in List 6 for which data are lacking or are insufficient were suspected of having toxic properties. Those in List 6A are suspected of having carcinogenic properties, those in List 6B are suspected of having other toxic properties. Each substance listed in List 6A should in principle not be detectable in foods or in food simulants by an appropriate sensitive method for that substance. The Committee recommends that the information be supplied or that the appropriate toxicological tests be carried out as soon as possible.

   Lists 7 and 8 also contain substances of concern due respectively to the incompleteness or absence of data.

9. The Committee recommends that for the substances in Lists 6-9 the requested data should be supplied in accordance with the timetable set out in the Appendix of this report.

   When additional studies are needed for the final evaluation this is indicated beside the substance by the word "Needed" together with a brief note of the studies required as follows:

9.1 Hydrolysis data

In some cases results of hydrolysis studies may justify a reduction in toxicological testing. This may arise when the chemical structure of monoesters suggests ready

hydrolysis into substances which are toxicologically acceptable and already in Lists 0, 1, 2, or 3. Demonstration of hydrolysis may be carried out in foods or food simulants, representing the range of foods with which the substance may come into contact. Alternatively, or in cases where hydrolysis in food does not occur, hydrolysis can be evaluated in simulated saliva and/or gastrointestinal fluids.

9.2 Mutagenicity studies

In principle, the following three tests should be provided.

i) a test for gene-mutations in bacteria;

ii) a test for chromosomal aberrations in cultured mammalian cells;

iii) a test for gene-mutations in cultured mammalian cells; under special circumstances another validated eukaryotic test detecting gene-mutations may be acceptable.

For detection of chromosomal aberrations the Committee has chosen an *in vitro* test with cultured mammalian cells only, despite the fact that for many chemicals the *in vivo* micronucleus test will already have been performed. The reason is that the micronucleus test may be relatively insensitive in comparison with the *in vitro* test with cultured mammalian cells.

9.3 Peroxisome proliferation study

A number of esters possess the potential of inducing proliferation of hepatic peroxisomes and increased enzyme activity when administered at high dietary levels to rodents. The rodents have also reacted with an increase in hepatic adenomas and/or hepatic carcinomas.

It is not known whether tumour development is casually related to peroxisome proliferation. However, peroxisome proliferation is one of the sensitive toxic responses to these compounds and is a marker for their hepatotoxicity.

9.4 Neurotoxicity studies

Neurotoxicity has been induced by numerous toxins of natural origin, solvents and organosphosphorus compounds. When compounds from the latter group have to be assessed, a study on neurotoxicity is essential. In this instance the hen is the animal model of choice. Other methods are more appropriate for other groups of substances.

10. Whenever acids, phenols or alcohols have been evaluated, the assessment also includes aluminium, ammonium, calcium, iron, magnesium, potassium, sodium and zinc salts.

11. Substances for which the Committee was able to express an opinion are reported in Annex I. Substances for which there was insufficient toxicological data to enable the Committee to express an opinion are reported in Annex II. Where CAS numbers are available these are specified to the left of the chemical name.

12. Where the required data are not specified in the lists and for new substances the information needed in general for assessment has been set out elsewhere in guidelines by this Committee [6]. The extent to which substances migrate into foods or in food simulants will determine the amount and type of toxicity data which may be required.

13. Annex I: Substances for which the Committee was able to express an opinion

Annex I consists of the following 6 lists:

(See abbreviations in paragraph 15)

List 0

Substances which may be used in the production of plastic materials and articles, eg. food ingredients and certain substances known from the intermediate metabolism in man and for which an ADI need not be established for this purpose.

List 1

Substances for which an ADI, a temporary ADI (t-ADI), a MTDI, a PMTDI, a PTWI or the classification "acceptable" has been established by this Committee or by JECFA.

List 2

Substances for which a TDI or a t-TDI has been established by this Committee.

List 3

Substances for which an ADI or a TDI could not be established, but where the present use could be accepted.

Some of these substances are self-limiting because of their organoleptic properties or are volatile and therefore unlikely to be present in the finished product. For other substances with very low migration, a TDI has not been set but the maximum level to be used in any packaging material or a specific limit of migration is stated. This is because the

available toxicological data would give a TDI which allows that a specific limit of migration or a composition limit could be fixed at levels very much higher than the maximum likely intakes arising from present uses of the monomer.

List 4

Section 4A: Substances for which an ADI or a TDI could not be established, but which could be used if the substance migrating into foods or in food simulants is not detectable by an agreed sensitive method (see also paragraph 7).

Section 4B: Substances for which an ADI or a TDI could not be established, but which could be used if the levels of monomer residues in materials and articles intended to come into contact with foodstuffs are reduced as much as possible.

List 5

Substances which should not be used.

14. Annex II: Substances for which there were insufficient toxicological or technological data to enable the Committee to express an opinion

Annex II consists of the following 5 lists:

List 6

Substances for which there exist suspicions about their toxicity and for which data are lacking or are insufficient.

The allocation of substances to this list is mainly based upon similarity of structure with that of chemical substances already evaluated or known to have functional groups that indicate carcinogenic or other severe toxic properties.

Section 6A: Substances suspected to have carcinogenic proporties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.

Section 6B: Substances suspected to have toxic properties (other than carcinogenic). Restrictions may be indicated.

List 7

Substances for which some toxicological data exist, but for which an ADI or a TDI could not be established. The required additional information should be furnished.

List 8

Substances for which no or only scanty and inadequate data were available.

List 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

List W

"Waiting List". Substances not yet included in the Community lists.

15. Abbreviations

First part:

ADI	=	Acceptable Daily Intake
MTDI	=	Maximum Tolerable Daily Intake
NS	=	Not Specified
PMTDI	=	Provisional Maximum Tolerable Daily Intake
PTWI	=	Provisional Tolerable Weekly Intake
R	=	Restriction indicated. If not otherwise indicated R: x mg/kg means mg/kg of food or food stimulant
TDI	=	Tolerable Daily Intake
t-ADI	=	Temporary ADI
t-TDI	=	Temporary TDI

Second part

BIBRA	=	British Industrial Biological Research Association (UK)
CAS No	=	Chemical Abstract Service Registry Number (USA)
CIVO-TNO	=	Central Institute for Nutrition and Food Research (NL)
EM	=	electron microscopy
FAO	=	Food and Agriculture Organization (UN)
HRC	=	Huntingdon Research Centre (UK)
IARC	=	International Agency for Research on Cancer (F)
JECFA	=	Joint FAO/WHO Expert Committee on Food Additives (UN)
NTP	=	National Toxicology Program (USA)
RIVM	=	National Institute for Public Health and Evironmental Protection (NL)
SCC	=	Scientific Committee for Cosmetology (EEC)
SCF	=	Scientific Committee for Food (EEC)
WHO	=	World Health Organisation (UN)

16. References

1. Commission of the European Communities, (1986). Reports of the Scientific Committee for Food, 17th series, EUR 10778.

2. Commission of the European Communities, (1988). Reports of the Scientific Committee for Food, 19th series, EUR 11322.

3. Commission of the European Communities, (1989). Reports of the Scientific Committee for Food, 20th series, EUR 11558.

4. Commission Directive 90/128/EEC. Official Journal of the European Communities, N.L.75 of 23.02.1990, p 19, rectified by N.L.349 of 13.12.1990.

5. Commission of the European Communities, (1977). Reports of the Scientific Committee for Food, 3rd series.

6. Commission of the European Communities, (1991). Report of the Scientific Committee for Food on "Guidelines for presentation of data for toxicological evaluation of a substance", 26th series, EUR 13913.

7. Council of Europe Publication (1982). *Substances used in plastic materials coming into contact with food,* 2nd edition, Strasbourg.

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Appendix

Timetable for the transmission of the data requested by the SCF

Nota Bene: for a further explanation of data requested by the Committee, see the SCF toxicological guidelines [6].

Deadline 1: **1 year after the evaluation of the SCF**

Deadline for submission of the following data:

- notification to the Commission of the replacement of substances in List 9 by individual compounds;
- official request to the Commission in order to retain the substance in Section B, awaiting the submission of the technical dossier.

Deadline 2: **2 years after the evaluation of the SCF**

Deadline for submission of the following data:

- data on identity, chemical proporties and stability, use authorizations;
- migration data (if the substance is listed in Lists 8 or 6);
- migration data (if the substance is listed in List 7 and the SCF requested these data alone or with toxicological data);
- hydrolysis data (in all cases where they are requested);
- mutagenicity tests.

Deadline 3: **3 years after the evaluation of the SCF**

Deadline for submission of the following data:

- 28-day or 90-day study (if only these data are requested);

4 years after the evaluation of the SCF

Deadline for submission of the following data:

- 28-day or 90-day study (if these data are requested together with migration data);

5 years after the evaluation of the SCF

Deadline for submission of the following data:

- reproduction study
- teratology study

7 years after the evaluation of the SCF

- Deadline for submission of a long term study

ANNEX I

SUBSTANCES FOR WHICH THE COMMITTEE WAS ABLE TO EXPRESS AN OPINION.

LIST 0

Substances which may be used in the production of plastic materials and articles, e.g. food ingredients and certain substances known from the intermediate metabolism in man and for which an ADI need not be established for this purpose.

PM/REF	CAS	NAME
12810	000506-30-9	Arachidic acid
12813	007771-44-0	Arachidonic acid
12990	000112-85-6	Behenic acid
14686	008001-31-8	Coconut oil (food grade quality)
14694	008001-30-7	Corn oil (food grade quality)
14696	-	Corn oil fatty acids, and their dimers (food grade quality)
14699	008001-29-4	Cottonseed oil (food grade quality)
14701	-	Cottonseed oil fatty acids, and their dimers (food grade quality)
17195	068424-45-3	Fatty acids, linseed oil
17215	-	Fatty acids, sunflower oil
17236	061790-37-2	Fatty acids, tallow
17510	029204-02-2	Gadoleic acid
18010	000110-94-1	Glutaric acid
18770	000142-62-1	n-Hexanoic acid
18900	000106-14-9	12-Hydroxystearic acid
19470	000143-07-7	Lauric acid
19515	000557-59-5	Lignoceric acid
19518	000060-33-3	Linoleic acid
19526	028290-79-1	Linolenic acid
19533	008001-26-1	Linseed oil (food grade quality)
22350	000544-63-8	Myristic acid
22770	-	Olive oil fatty acids, and their dimers (food grade quality)
22785	000373-49-9	Palmitoleic acid
22791	-	Palm kernel oil fatty acids, and their dimers (food grade quality)

LIST 0

Substances which may be used in the production of plastic materials and articles, e.g. food ingredients and certain substances known from the intermediate metabolism in man and for which an ADI need not be established for this purpose.

PM/REF	CAS	NAME
22796	-	Palm oil fatty acids, and their dimers (food grade quality)
22867	000109-52-4	Pentanoic acid
23731	008002-11-7	Poppyseed oil (food grade quality)
23734	-	Poppyseed oil fatty acids, and their dimers (food grade quality)
24046	008016-49-7	Pumpkinseed oil (food grade quality)
24048	-	Pumpkinseed oil fatty acids, and their dimers (food grade quality)
24066	-	Rapeseed oil fatty acids, and their dimers (food grade quality)
24261	008001-23-8	Safflower oil (food grade quality)
24263	-	Safflower oil fatty acids, and their dimers (food grade quality)
24436	008008-74-0	Sesame oil (food grade quality)
24438	-	Sesame oil fatty acids, and their dimers (food grade quality)
24526	-	Soybean oil fatty acids, dimers (food grade quality)
24896	008001-21-6	Sunflower oil (food grade quality)
24901	-	Sunflower oil fatty acids, and their dimers (food grade quality)
26341	008024-09-7	Walnut oil (food grade quality)
26346	-	Walnut oil fatty acids, and their dimers (food grade quality)

LIST 1

Substances for which an ADI, a t-ADI, a MTDI, a PMTDI, a PTWI or the classification "acceptable" has been established by this Committee or by JECFA.

PM/REF	CAS	NAME	SCF OPINION
14340	000124-38-9	Carbon dioxide	ADI : not specified. (JECFA, 23rd meeting, 1980)
14410	008001-79-4	Castor oil (food grade quality)	ADI : 0.7 mg/kg b.w. (JECFA, 23rd meeting, 1979)
17275	000064-18-6	Formic acid	Group ADI : 3 mg/kg b.w. for formic acid and ethyl formate. (JECFA, 17th meeting, 1973)
18115	031566-31-1	Glycerol monostearate	ADI : not specified. (JECFA, 17th meeting, 1973)
19460	000050-21-5	Lactic acid	ADI : not specified. (SCF, 25th Series, 1990)
19965	006915-15-7	Malic acid	ADI : not specified. (SCF, 25th Series, 1990)
19972	000087-78-5	Mannitol	ADI : acceptable. (SCF, 16th Series, 1985)
22763	000112-80-1	Oleic acid	ADI : not specified. (SCF, 25th Series, 1990)
22780	000057-10-3	Palmitic acid	ADI : not specified. (SCF, 25th Series, 1990)
23173	001314-56-3	Phosphoric anhydride	MTDI : 70 mg/kg b.w. (expressed as P). (SCF, 25th Series, 1990)
24440	009000-59-3	Shellac	Acceptable. (SCF, 26th Series, 1992)
24550	000057-11-4	Stearic acid	ADI : not specified. (SCF, 25th Series, 1990)
24820	000110-15-6	Succinic acid	ADI : not specified. (SCF, 25th Series, 1990)

LIST 2

Substances for which a TDI or a t-TDI has been established by this Committee.

PM/REF	CAS	NAME	SCF OPINION
10060	000075-07-0	Acetaldehyde	TDI : 0.1 mg/kg b.w. Toxicity profiles similar to metaldehyde. A 2-year oral rat study and a 3-generation oral rat study including teratogenicity with metaldehyde. The reports on nasal carcinogenicity after inhalation were considered without relevance for effects from oral intake of smaller doses.
10150	000108-24-7	Acetic anhydride	Group TDI : included in the ADI not specified for acetic acid. (SCF, 25th Series, 1990)
10690	000079-10-7	Acrylic acid	Group t-TDI : 0.1 mg/kg b.w. pending results of ongoing teratogenicity studies on acrylic acid. Available : a 90-day oral rat study, an oral reproduction study, 2-year oral rat and dog studies with acrylic acid and an oral teratogenicity study in rats with ethyl acrylate, 3-year oral rat and dog studies with acrylic acid, ethyleneglycol monoester. (NTP; Union Carbide report N. 43-529 (26 August 1980) and N. 43-528 (22 August 1980); RIVM report 65116008 (June 1984); report Dow, 1967 and 1967; RIVM report 06-02-1990)
12280	002035-75-8	Adipic anhydride	Group TDI : 5 mg/kg b.w. Included in group ADI for adipic acid.
12670	002855-13-2	1-Amino-3-aminomethyl-3,5,5-trimethyl-cyclohexane	t-TDI : 0.1 mg/kg b.w. Available : 13-week oral rat study, 2 negative mutagenicity studies. (RIVM summary data, April 1991) (CS/PM 921) Needed : in vitro chromosome aberration and gene mutation in mammalian cells.
12970	004196-95-6	Azelaic anhydride	Group TDI : 3 mg/kg b.w. Included in the group TDI for azelaic acid.
13620	010043-35-3	Boric acid	Group TDI : 0.2 mg/kg b.w. (expressed as B). Several short-term, 90-day and 2-year oral rat studies, 38-week and 2-year oral dog studies and a 3-generation oral rat study. A 2-year oral mouse carcinogenicity study. (Toxicol. Appl. Pharmacol. 1972, 23, 351-364, NTP report TR 324, 26 March 1986)
14441	064147-40-6	Castor oil, dehydrated (food grade quality)	Group TDI : 0.7 mg/kg b.w. based on ADI for castor oil. (JECFA, 23rd meeting, 1979)
14446	-	Castor oil fatty acids (food grade quality)	Group TDI : 0.7 mg/kg b.w. based on ADI for castor oil.

LIST 2

Substances for which a TDI or a t-TDI has been established by this Committee.

PM/REF	CAS	NAME	SCF OPINION
15250	000110-60-1	1,4-Diaminobutane	TDI : 0.6 mg/kg b.w. 28- and 90-Day oral rat studies, mutagenicity tests. (RIVM report 88/6788097003, 03-05-1988)
15695	000461-58-5	Dicyanodiamide	TDI : 1 mg/kg b.w. 2-Year oral rat and dog studies and Ames tests. (American Cyanamide report, 1969)
15970	000611-99-4	4,4'-Dihydroxybenzophenone	Group TDI : 0.1 mg/kg b.w. (4,4'-dihydroxybenzophenone; 2,2'-dihydroxy-4-methoxybenzophenone; 2-hydroxy-4-hexyloxybenzophenone; 2-hydroxy-4-n-octyloxybenzophenone). 90-Day oral rat studies (2,2'-dihydroxy-4-methoxybenzophenone; 2-hydroxy-4-methoxybenzophenone; 2-hydroxy-4-n-octyloxybenzophenone), a 18-week oral dog study (2-hydroxy-4-n-octyloxybenzophenone) and 2-year rat and dog studies (2-hydroxy-4-n-octyloxybenzophenone), a reproduction study (2-hydroxy-4-n-octyloxybenzophenone) plus metabolism. (J. Occup. Med. 1969, 11, 703, Food Cosm.Tox. 1972, 10, 41-50, RIVM report October 1972)
16925	009004-57-3	Ethylcellulose	Group TDI : not specified based on group ADI (= not specified) for certain modified cellulose. (JECFA, 35th meeting, 1989)
18330	000057-09-0	Hexadecyltrimethylammonium bromide	TDI : 0.1 mg/kg b.w. 400-Day oral rat study. (RIVM report, September 1978)
18885	001137-42-4	4-Hydroxybenzophenone	Group TDI : 0.01 mg/kg b.w. (for benzophenone and hydroxybenzophenone). Available for benzophenone : 90-day oral rat study and metabolism study. (CIVO report R 3301, 1970)
21190	000868-77-9	Methacrylic acid, monoester with ethyleneglycol	Group t-TDI : 0.1 mg/kg b.w. See references for methacrylic acid.
22775	000144-62-7	Oxalic acid	TDI : 0.1 mg/kg b.w. 2-Year oral rat study, observations in man. (J. Am. Pharm. Ass., 1947, 36, 217-219, Patty)
23200	000088-99-3	o-Phthalic acid	Group TDI : 1 mg/kg b.w. Included in the group TDI for phthalic anhydride.
23380	000085-44-9	Phthalic anhydride	Group TDI : 1 mg/kg b.w. (SCF, 17th Series, 1986)
24075	000141-22-0	Ricinoleic acid	TDI : 0.7 mg/kg b.w. based on ADI for castor

LIST 2

Substances for which a TDI or a t-TDI has been established by this Committee.

PM/REF	CAS	NAME	SCF OPINION
			oil. (SCF, 7th Series, 1978)
24430	002561-88-8	Sebacic anhydride	Group TDI : 3 mg/kg b.w. Included in the group TDI for sebacic acid.
24850	000108-30-5	Succinic anhydride	TDI : not specified based on ADI for succinic acid.
25910	024800-44-0	Tripropyleneglycol	Group TDI : 1.5 mg/kg b.w. (with polypropyleneglycol and dipropyleneglycol). See references for dipropyleneglycol.

LIST 3

Substances for which an ADI or a TDI could not be established
but where the present use could be accepted.

PM/REF	CAS	NAME	SCF OPINION
12375	-	Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)	90-Day oral studies, metabolic and/or mutagenicity studies with some substances out of the group.
13000	001477-55-0	1,3-Benzenedimethanamine	R : 0.05 mg/kg. Mutagenicity tests are negative and migration is very low (less than 5 ppb).
13530	038103-06-9	2,2-Bis(4-hydroxyphenyl)propane bis-(phthalic anhydride)	R : 0.05 mg/kg. 1-Month oral rat study, 3 mutagenicity tests and migration data. (RIVM doc. 90/678908/010)
13840	000071-36-3	1-Butanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
14170	000106-31-0	Butyric anhydride	Hydrolyses to corresponding acid.
15065	009000-16-2	Dammar	Natural wax. Purity to be specified.
15100	000112-30-1	1-Decanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
16410	000067-68-5	Dimethyl sulphoxide	DMSO is used as a carrier of drugs to facilitate skin penetration.
16701	000112-53-8	1-Dodecanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
16775	000112-86-7	Erucic acid	Occurs in small amounts in some vegetable oils.
18070	000108-55-4	Glutaric anhydride	Hydrolyses to corresponding acid.
18150	000111-70-6	1-Heptanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
18310	036653-82-4	1-Hexadecanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
18780	000111-27-3	1-Hexanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
19968	000141-82-2	Malonic acid	Occurs in plants.
22150	000691-37-2	4-Methyl-1-pentene	R : 0.020 mg/kg.

LIST 3

Substances for which an ADI or a TDI could not be established
but where the present use could be accepted.

PM/REF	CAS	NAME	SCF OPINION
			28- and 90-Day oral rat studies. Ames test negative, cytogenicity study doubtful. (RIVM summary, 1990-02-22)
22450	009004-70-0	Nitrocellulose	(SCF, 6th Series, 1978)
22480	000143-08-8	1-Nonanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
22555	000112-92-5	1-Octadecanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
22600	000111-87-5	1-Octanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
22766	000143-28-2	Oleyl alcohol	Precursor of oleic acid.
22870	000071-41-0	1-Pentanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.
24250	009006-04-6	Rubber, natural	Migration unlikely.
24270	000069-72-7	Salicylic acid	Naturally occured in food in low concentration.
24475	001313-82-2	Sodium sulphide	Organoleptically self limiting.
24887	006362-79-4	5-Sulphoisophthalic acid, monosodium salt	R : 0.05 mg/kg. 3 Mutagenicity tests negative; migration less than 0.05 mg/kg. (RIVM summary data, 28.05.1991, CS/PM/968)
25070	000112-72-1	1-Tetradecanol	See references for "Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)" in same list.

LIST 4A

Substances for which an ADI or a TDI could not be established but which could be used if the substance migrating into foods or in food simulants is not detectable by an agreed sensitive method.

PM/REF	CAS	NAME	SCF OPINION
12788	002432-99-7	11-Aminoundecanoic acid	Carcinogenic in rats and possibly in mice. (NTP Techn. Rep. Series N.216, May 1982)
13510	001675-54-3	2,2-Bis(4-hydroxyphenyl)propane bis-(2,3-epoxypropyl) ether	IARC only considers published data; several unpublished data exist showing the potential carcinogenicity of this substance.
18250	000115-28-6	Hexachloroendomethylenetetrahydrophthalic acid	Cancer in lung and liver of rats and mice, positive in mutagenicity study in mouse lymphoma cells. (NTP Techn. Rep. 304, NIH publ., 87-2560, April 1987)
18280	000115-27-5	Hexachloroendomethylenetetrahydrophthalic anhydride	Hydrolyses easily to acid known for induction of lung cancer.
18430	000116-15-4	Hexafluoropropylene	Mutagenicity studies in vitro and in vivo, suspect of genotoxicity.
21823	000598-09-4	2-Methylepichlorohydrin	Chemical structure similar to epichlorohydrin, which is highly toxic and which induces forestomach tumours in rats after oral administration.
21940	000924-42-5	N-Methylolacrylamide	Genotoxic carcinogen. (RIVM report, 04-03-1991)
23050	000108-45-2	1,3-Phenylenediamine	Since the data on carcinogenicity by the oral route were inadequate and the substance demonstrated some genotoxic potential, it is only acceptable for use provided there is no detectable migration into food by an agreed sensitive method.
23125	000103-71-9	Phenyl isocyanate	Isocyanates can hydrolyse to corresponding amines. Some aromatic amines are carcinogenic.
23230	000131-17-9	Phthalic acid, diallyl ester	Genotoxic carcinogen (mouse and rat). (RIVM doc. 91/679112/001)
25208	026471-62-5	Toluene diisocyanate	See references for 3,3'-dimethyl- 4,4-diisocyanatobiphenyl.
26010	000593-60-2	Vinyl bromide	IARC has classified vinyl bromide as "carcinogenic for animals". (IARC Monograph, vol.39, 1987).

LIST 4B

Substances for which an ADI or a TDI could not be established, but which could be used if the levels of monomer residues in materials and articles intended to come into contact with foodstuffs are reduced as much as possible.

PM/REF	CAS	NAME

LIST 5

Substances which should not be used.

PM/REF	CAS	NAME	SCF OPINION
13290	000079-94-7	2,2-Bis(3,5-dibromo-4-hydroxyphenyl)propane	
21925	000109-02-4	N-Methylmorpholine	
22345	013732-62-2	Morpholine p-toluenesulphonate	
25035	013810-83-8	Tetrabromophthalic acid	
25040	005411-70-1	Tetrabromoterephthalic acid	

ANNEX II

SUBSTANCES FOR WHICH THERE WERE INSUFFICIENT TOXICOLOGICAL OR TECHNOLOGICAL DATA TO ENABLE THE COMMITTEE TO EXPRESS AN OPINION.

LIST 6

Substances for which there exist suspicions about their toxicity and for which data are lacking or are insufficient.

LIST 6A

Substances suspected to have carcinogenic properties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.

LIST 6B

Substances suspected to have toxic properties (other than carcinogenic). Restrictions may be indicated.

LIST 6A

Substances suspected to have carcinogenic properties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.

PM/REF	CAS	NAME	SCF OPINION
10160	002206-94-2	alpha-Acetoxystyrene	
10162	010521-96-7	beta-Acetoxystyrene	
10660	015214-89-8	Acrylamidomethylpropanesulphonic acid	
10720	000999-55-3	Acrylic acid, allyl ester	
11260	000106-90-1	Acrylic acid, 2,3-epoxypropyl ester	
12140	003130-19-6	Adipic acid, bis(3,4-epoxycyclohexylmethyl) ester	
12160	002998-04-1	Adipic acid, diallyl ester	
12265	004074-90-2	Adipic acid, divinyl ester	
12610	000107-18-6	Allyl alcohol	
12640	000106-92-3	Allyl 2,3-epoxypropyl ether	
12653	028655-62-1	2-(Allyloxy)benzyl alcohol	
12657	001746-13-0	Allyl phenyl ether	
12800	000062-53-3	Aniline	
13177	000121-46-0	Bicyclo[2.2.1]hepta-2,5-diene	
13313	002426-08-6	Bis(2,3-epoxypropyl) butyl ether	
13460	054208-63-8	Bis(2-hydroxyphenyl)methane bis-(2,3-epoxypropyl) ether	
13485	071033-08-4	2,2-Bis(4-hydroxyphenyl)propane bis-[3-butoxy-2-(2,3-epoxypropoxy)propyl] ether	
13780	002425-79-8	1,4-Butanediol bis(2,3-epoxypropyl) ether	
13932	000598-32-3	3-Buten-2-ol	
13960	001852-16-0	N-(Butoxymethyl)acrylamide	
13990	005153-77-5	N-(Butoxymethyl)methacrylamide	
13996	?	N-Butylacrylamide	
13998	000107-58-4	N-tert-Butylacrylamide	

LIST 6A

Substances suspected to have carcinogenic properties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.

PM/REF	CAS	NAME	SCF OPINION
14035	001746-23-2	4-tert-Butylstyrene	
14545	-	Chlorobutadiene	
14560	000126-99-8	2-Chloro-1,3-butadiene	All data considered show that chloroprene is hepatotoxic, teratogenic, mutagenic, and causes chromosomal abnormalities in exposed workers. It affects testicular function in man and animals.
14585	000110-75-8	Chloroethyl vinyl ether	
14705	000271-89-6	Coumarone	
14800	003724-65-0	Crotonic acid	Needed : 90-day oral study, mutagenicity studies and migration data. (SCF, 17th Series, 1986)
14815	020474-93-5	Crotonic acid, allyl ester	
14839	000623-68-7	Crotonic anhydride	Needed : information on crotonic acid. (IARC, 1989, 47, 151-169)
14910	000108-94-1	Cyclohexanone	
15027	000111-78-4	1,5-Cyclooctadiene	Insufficient mutagenicity studies available.
15406	?	N,N-Dibutylacrylamide	
15755	?	N,N-Diethylacrylamide	
16136	016753-62-1	Dimethoxy(methyl)vinylsilane	
16138	002680-03-7	N,N-Dimethylacrylamide	
16180	005205-93-6	N-(Dimethylaminopropyl)methacrylamide	
16398	052561-72-5	2,2-Dimethylpropionic acid, 2,3-epoxypropyl ester	
16690	001321-74-0	Divinylbenzene	
16752	002386-87-0	3,4-Epoxycyclohexanecarboxylic acid, 3,4-epoxycyclohexylmethyl ester	
16755	000556-52-5	2,3-Epoxypropanol	
16765	000122-60-1	2,3-Epoxypropyl phenyl ether	
16770	002210-79-9	2,3-Epoxypropyl o-tolyl ether	

LIST 6A

Substances suspected to have carcinogenic properties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.

PM/REF	CAS	NAME	SCF OPINION
16900	013036-41-4	N-(Ethoxymethyl)acrylamide	
17065	002461-15-6	2-Ethylhexyl 2,3-epoxypropyl ether	
17320	002807-54-7	Fumaric acid, diallyl ester	
18120	000107-22-2	Glyoxal	
18325	007320-37-8	1,2-Hexadecylene oxide	
18905	002628-17-3	4-Hydroxystyrene	
19030	016669-59-3	N-(Isobutoxymethyl)acrylamide	
19045	004548-27-0	N-(Isobutoxymethyl)methacrylamide	
19245	007534-42-1	N-(Isopropoxymethyl)acrylamide	
19330	007748-43-8	Itaconic acid, 2,3-epoxypropyl diester	
19360	?	Itaconic acid, 2,3-epoxypropyl monoester	
19570	000999-21-3	Maleic acid, diallyl ester	
19900	002424-58-0	Maleic acid, monoallyl ester	
19990	000079-39-0	Methacrylamide	
20005	051410-72-1	Methacrylamidopropyltrimethylammonium chloride	
20050	000096-05-9	Methacrylic acid, allyl ester	
20590	000106-91-2	Methacrylic acid, 2,3-epoxypropyl ester	
21115	000816-74-0	Methacrylic acid, methallyl ester	
21520	001561-92-8	Methallylsulphonic acid, sodium salt	
21580	003644-11-9	N-(Methoxymethyl)acrylamide	
21610	003644-12-0	N-(Methoxymethyl)methacrylamide	
21630	001187-59-3	N-Methylacrylamide	
21790	000110-26-9	Methylenebisacrylamide	
21837	001116-90-1	4-Methyl-1,4-hexadiene	
21970	000923-02-4	N-Methylolmethacrylamide	

LIST 6A

Substances suspected to have carcinogenic properties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.

PM/REF	CAS	NAME	SCF OPINION
22210	000098-83-9	alpha-Methylstyrene	Needed : 90-day oral study, purity, physicochemical state and migration data.
22300	000078-94-4	Methyl vinyl ketone	
22330	001822-74-8	Methyl vinyl thioether	
22335	028693-00-7	Monochloroacetic acid, ester with 5-(hydroxymethyl)-bicyclo[2.2.1]hept-2-ene	
22424	026761-45-5	Neodecanoic acid, 2,3-epoxypropyl ester	
22842	002590-16-1	Pentaerythritol diallyl ether	
22844	?	Pentaerythritol monoallyl ether	
22846	001471-17-6	Pentaerythritol triallyl ether	
22855	017704-22-2	2,4,6,8,10-Pentamethyl-2,4,6,8,10-pentavinylcyclopentasiloxane	
22932	001187-93-5	Perfluoromethyl perfluorovinyl ether	
22937	001623-05-8	Perfluoropropyl perfluorovinyl ether	
23960	038779-95-2	N-(Propoxymethyl)acrylamide	
23970	?	N-Propylacrylamide	
24760	026914-43-2	Styrenesulphonic acid	
24890	-	Sulphosuccinic acid, monoallyl ester, salts	
25030	016646-44-9	Tetra(allyloxy)ethane	
25067	021964-49-8	1,13-Tetradecadiene	
25170	006147-62-2	1,1,5,5-Tetrakis[4-(2,3-epoxypropoxy)phenyl]pentane	
25390	000101-37-1	Triallyl cyanurate	
25405	001025-15-6	Triallyl isocyanurate	
25435	-	Trichlorobutadiene	
25445	000075-94-5	(Trichloro)vinylsilane	
25554	016715-84-7	Trimethallyl cyanurate	

LIST 6A

Substances suspected to have carcinogenic properties. These substances should not be detectable in foods or in food simulants by an appropriate sensitive method for each substance.

PM/REF	CAS	NAME	SCF OPINION
25556	006291-95-8	Trimethallyl isocyanurate	
25560	068092-72-8	Trimethoxy-N-(vinylbenzylaminoethyl)-3-aminopropylsilane	
25645	000682-09-7	1,1,1-Trimethylolpropane diallyl ether	
25735	000682-11-1	1,1,1-Trimethylolpropane monoallyl ether	
25825	000682-08-6	1,1,1-Trimethylolpropane triallyl ether	
25920	002451-62-9	1,3,5-Tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	
25930	001067-53-4	Tris(2-methoxyethoxy)vinylsilane	
25933	096195-81-2	Tris(1-methoxyisopropoxy)vinylsilane	
25990	000689-97-4	Vinylacetylene	
26000	003048-64-4	5-Vinylbicyclo[2.2.1]hept-2-ene	
26020	001484-13-5	N-Vinylcarbazole	
26095	000075-02-5	Vinyl fluoride	(IARC Monograph, vol. 39, 1987)
26140	000075-38-7	Vinylidene fluoride	
26170	003195-78-6	N-Vinyl-N-methylacetamide	
26200	002867-48-3	N-Vinyl-N-methylformamide	
26215	000100-69-6	2-Vinylpyridine	
26217	000100-43-6	4-Vinylpyridine	
26230	000088-12-0	Vinylpyrrolidone	
26245	-	Vinylsilane	
26260	001184-84-5	Vinylsulphonic acid	
26292	000622-97-9	p-Vinyltoluene	
26305	000078-08-0	Vinyltriethoxysilane	
26320	002768-02-7	Vinyltrimethoxysilane	

LIST 6B

Substances suspected to have toxic properties (other than carcinogenic).
Restrictions may be indicated.

PM/REF	CAS	NAME	SCF OPINION
12190	000105-97-5	Adipic acid, di-n-decyl ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, peroxisome proliferation study, reproduction, teratogenicity and mutagenicity studies.
12220	027178-16-1	Adipic acid, diisodecyl ester	Group R : 0.025 mg/kg b.w. Needed : specifications, 90-day oral study, peroxisome proliferation study, reproduction, teratogenicity and mutagenicity studies.
12235	000627-93-0	Adipic acid, dimethyl ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, peroxisome proliferation study, reproduction, teratogenicity and mutagenicity studies.
12250	000123-79-5	Adipic acid, di-n-octyl ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, peroxisome proliferation study, reproduction, teratogenicity and mutagenicity studies.
12850	029602-44-6	Azelaic acid, bis(2-hydroxyethyl) ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, peroxisome proliferation study, reproduction, teratogenicity and mutagenicity studies.
12910	001732-10-1	Azelaic acid, dimethyl ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, peroxisome proliferation study, reproduction, teratogenicity and mutagenicity studies.
12940	004080-88-0	Azelaic acid, diphenyl ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, reproduction, teratogenicity and mutagenicity studies.
24340	002432-89-5	Sebacic acid, didecyl ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, peroxisome proliferation study, reproduction, teratogenicity and mutagenicity studies.
24370	000106-79-6	Sebacic acid, dimethyl ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, peroxisome proliferation study, reproduction, teratogenicity and mutagenicity studies.
24400	002918-18-5	Sebacic acid, diphenyl ester	Group R : 0.025 mg/kg b.w. Needed : 90-day oral study, reproduction, teratogenicity and mutagenicity studies.

LIST 7

Substances for which some toxicological data exist, but for which an ADI or a TDI could not be established. The required additional information should be furnished.

PM/REF	CAS	NAME	SCF OPINION
10180	000556-08-1	p-(Acetylamino)benzoic acid	Needed : 28-day oral study, hydrolysis and migration data.
11230	002439-35-2	Acrylic acid, 2-(dimethylamino)ethyl ester	Needed : hydrolysis data.
11245	002156-97-0	Acrylic acid, dodecyl ester	Needed : hydrolysis data.
11520	002918-23-2	Acrylic acid, 2-hydroxyisopropyl ester (= acrylic acid, 2-hydroxy-1-methylethyl ester)	Needed : hydrolysis data.
11845	?	Acrylic acid, monoester with pentapropyleneglycol	Needed : hydrolysis data.
11875	004813-57-4	Acrylic acid, octadecyl ester	Needed : hydrolysis data.
12370	-	Alcohols, aliphatic, monohydric, saturated, primary, secondary or tertiary (C4-C22)	Needed : actual use, 28-day oral study of one lower and one higher alcohol.
13120	000769-78-8	Benzoic acid, vinyl ester	Needed : hydrolysis data.
14002	000098-73-7	p-tert-Butylbenzoic acid	Available : some data at RIVM. Needed : migration and mutagenicity studies.
14050	000111-34-2	Butyl vinyl ether	Needed : hydrolysis data.
14080	000926-02-3	tert-Butyl vinyl ether	Needed : provided hydrolysis can be demonstrated, data on tert-butanol are requested.
14836	014861-06-4	Crotonic acid, vinyl ester	Needed : provided hydrolysis can be demonstrated, data on crotonic acid are requested.
15020	002182-55-0	Cyclohexyl vinyl ether	Needed : provided hydrolysis can be demonstrated, data on cyclohexanol are requested.
15160	000765-05-9	Decyl vinyl ether	Needed : hydrolysis data.
15790	000111-40-0	Diethylenetriamine	Available : several mutagenicity studies negative, 3-month oral rat study insufficient for establishing NOEL. (RIVM 90/678608/009)
16400	003377-92-2	2,2-Dimethylpropionic acid, vinyl ester	Needed : provided hydrolysis can be demonstrated, data on 2,2-dimethylpropionic acid are requested.
17040	000149-57-5	2-Ethylhexanoic acid	Needed : 90-day oral rat study, mutagenicity studies and migration data.
17050	000104-76-7	2-Ethyl-1-hexanol	Needed : 90-day oral study, teratogenicity study and migration data.

LIST 7

Substances for which some toxicological data exist, but for which an ADI or a TDI could not be established. The required additional information should be furnished.

PM/REF	CAS	NAME	SCF OPINION
17080	000103-44-6	2-Ethylhexyl vinyl ether	Needed : provided hydrolysis can be demonstrated, data on 2-ethylhexanol are requested.
17140	000109-92-2	Ethyl vinyl ether	Needed : hydrolysis data.
17365	002402-58-6	Fumaric acid, didodecyl ester	Needed : hydrolysis data.
17385	?	Fumaric acid, diheptyl ester	Needed : hydrolysis data.
17390	019139-31-2	Fumaric acid, dihexyl ester	Needed : hydrolysis data.
17394	000624-49-7	Fumaric acid, dimethyl ester	Needed : hydrolysis data.
17398	007283-68-3	Fumaric acid, dioctadecyl ester	Needed : hydrolysis data.
17401	002997-85-5	Fumaric acid, dioctyl ester	Needed : hydrolysis data.
17404	?	Fumaric acid, dipentyl ester	Needed : hydrolysis data.
17407	014595-35-8	Fumaric acid, dipropyl ester	Needed : hydrolysis data.
17473	016062-88-7	Fumaric acid, monobutyl ester	Needed : hydrolysis data.
17476	002459-05-4	Fumaric acid, monoethyl ester	Needed : hydrolysis data.
17479	?	Fumaric acid, monoheptyl ester	Needed : hydrolysis data.
17482	045125-88-0	Fumaric acid, monohexyl ester	Needed : hydrolysis data.
17485	002756-87-8	Fumaric acid, monomethyl ester	Needed : hydrolysis data.
17488	?	Fumaric acid, monooctyl ester	Needed : hydrolysis data.
17491	?	Fumaric acid, monopentyl ester	Needed : hydrolysis data.
17494	?	Fumaric acid, monopropyl ester	Needed : hydrolysis data.
18340	000822-28-6	Hexadecyl vinyl ether	Needed : hydrolysis data.
18820	000592-41-6	1-Hexene	Available : 3 mutagenicity tests negative. (RIVM summary data, 14-02-1991). Other data (migration data, 90-day study and bioaccumulation) are in preparation.
19060	000109-53-5	Isobutyl vinyl ether	Needed : provided hydrolysis can be demonstrated, data on isobutanol are requested.
19480	002146-71-6	Lauric acid, vinyl ester	Needed : hydrolysis data.

LIST 7

Substances for which some toxicological data exist, but for which an ADI or a TDI could not be established. The required additional information should be furnished.

PM/REF	CAS	NAME	SCF OPINION
19670	031983-42-3	Maleic acid, diheptyl ester	Needed : hydrolysis data.
19680	016064-83-8	Maleic acid, dihexyl ester	Needed : hydrolysis data.
19790	010099-71-5	Maleic acid, dipentyl ester	Needed : hydrolysis data.
19795	002432-63-5	Maleic acid, dipropyl ester	Needed : hydrolysis data.
19915	000925-21-3	Maleic acid, monobutyl ester	Needed : hydrolysis data.
19933	003990-03-2	Maleic acid, monoethyl ester	Needed : hydrolysis data.
19939	015420-83-4	Maleic acid, monoheptyl ester	Needed : hydrolysis data.
19942	015420-81-2	Maleic acid, monohexyl ester	Needed : hydrolysis data.
19943	000924-83-4	Maleic acid, monoisopropyl ester	Needed : hydrolysis data.
19945	003052-50-4	Maleic acid, monomethyl ester	Needed : hydrolysis data.
19949	002370-71-0	Maleic acid, monooctyl ester	Needed : hydrolysis data.
19952	015420-79-8	Maleic acid, monopentyl ester	Needed : hydrolysis data.
19955	000925-03-1	Maleic acid, monopropyl ester	Needed : hydrolysis data.
20068	045294-18-6	Methacrylic acid, arachidyl ester	Needed : hydrolysis data.
20075	016669-27-5	Methacrylic acid, behenyl ester	Needed : hydrolysis data.
20530	002867-47-2	Methacrylic acid, 2-(dimethylamino)ethyl ester	Needed : hydrolysis data.
20928	005459-37-0	Methacrylic acid, heptyl ester	Needed : hydrolysis data.
20935	002495-27-4	Methacrylic acid, hexadecyl ester	Needed : hydrolysis data.
20940	000142-09-6	Methacrylic acid, hexyl ester	Needed : hydrolysis data.
20945	004664-49-7	Methacrylic acid, 2-hydroxyisopropyl ester (= methacrylic acid, 2-hydroxy-1-methyl-ethyl ester)	Needed : hydrolysis data.
20950	000923-26-2	Methacrylic acid, 2-hydroxypropyl ester	Needed : hydrolysis data.
21180	002351-43-1	Methacrylic acid, monoester with diethyleneglycol	Needed : hydrolysis data.
21205	025736-86-1	Methacrylic acid, monoester with polyethyleneglycol	Needed : hydrolysis data.

LIST 7

Substances for which some toxicological data exist, but for which an ADI or a TDI could not be established. The required additional information should be furnished.

PM/REF	CAS	NAME	SCF OPINION
21415	002549-53-3	Methacrylic acid, tetradecyl ester	Needed : hydrolysis data.
21640	000078-79-5	2-Methyl-1,3-butadiene	Needed : 90-day oral study, mutagenicity studies, purity, physicochemical state and migration data.
22270	000107-25-5	Methyl vinyl ether	Needed : hydrolysis data.
22428	051000-52-3	Neodecanoic acid, vinyl ester	Needed : provided hydrolysis can be demonstrated, data on neodecanoic acid are requested.
22435	054423-67-5	Neononanoic acid, vinyl ester	Needed : provided hydrolysis can be demonstrated, data on neononanoic acid are requested.
22440	093820-32-7	Neoundecanoic acid, vinyl ester	Needed : provided hydrolysis can be demonstrated, data on neoundecanoic acid are requested.
22580	000930-02-9	Octadecyl vinyl ether	Needed : hydrolysis data.
22750	000929-62-4	Octyl vinyl ether	Needed : hydrolysis data.
22935	003823-94-7	Perfluoromethyl vinyl ether	Needed : provided hydrolysis can be demonstrated, data on perfluoromethanol are requested.
22940	006996-01-6	Perfluoropropyl vinyl ether	Needed : provided hydrolysis can be demonstrated, data on perfluoropropanol are requested.
23597	009016-45-9	Polyethyleneglycol nonylphenyl ether	Needed : specifications and molecular weight.
23920	000105-38-4	Propionic acid, vinyl ester	Needed : hydrolysis data.
24040	000764-47-6	Propyl vinyl ether	Needed : hydrolysis data.
24560	000111-63-7	Stearic acid, vinyl ester	Needed : hydrolysis data.
24835	000106-65-0	Succinic acid, dimethyl ester	Needed : hydrolysis data.
24940	000100-20-9	Terephthalic acid dichloride	Needed : hydrolysis data (if readily hydrolysed, it will be included in the group t-TDI for terephthalic acid).
25380	-	Trialkyl(C5-C15)acetic acid, vinyl ester (= vinyl versatate)	Needed : provided hydrolysis can be demonstrated, data on trialkyl(C5-C15)acetic acid are requested.
25382	-	Trialkyl(C5-C20)acetic acid, vinyl ester	Needed : provided hydrolysis can be

LIST 7

Substances for which some toxicological data exist, but for which an ADI or a TDI could not be established. The required additional information should be furnished.

PM/REF	CAS	NAME	SCF OPINION
			demonstrated, data on trialkyl(C5-C20)acetic acid are requested.
25480	000102-71-6	Triethanolamine	Needed : migration data and eventually a feeding study.

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
10615	000499-12-7	Aconitic acid	
10775	084100-23-2	Acrylic acid, 4-tert-butylcyclohexyl ester	
11000	050976-02-8	Acrylic acid, dicyclopentadienyl ester	
11005	012542-30-2	Acrylic acid, dicyclopentenyl ester	
11010	024447-78-7	Acrylic acid, diester with 2,2-bis(4-hydroxyphenyl)propane bis(2-hydroxyethyl) ether	
11090	002223-82-7	Acrylic acid, diester with 2,2-dimethyl-1,3-propanediol	
11100	057472-68-1	Acrylic acid, diester with dipropyleneglycol	
11180	017831-71-9	Acrylic acid, diester with tetraethyleneglycol	
11190	001680-21-3	Acrylic acid, diester with triethyleneglycol	
11195	068901-05-3	Acrylic acid, diester with tripropyleneglycol	
11425	?	Acrylic acid, ester with methoxydiethyleneglycol	
11430	032171-39-4	Acrylic acid, ester with methoxypolyethyleneglycol	
11532	002761-08-2	Acrylic acid, 3-hydroxypropyl ester	
11645	093841-48-6	Acrylic acid, isooctadecyl ester	
11815	026424-32-8	Acrylic acid, monoester with 2,2-dimethyl-1,3-propanediol	
11840	010095-14-4	Acrylic acid, monoester with 1,6-hexanediol	
11850	026403-58-7	Acrylic acid, monoester with polyethyleneglycol	
11855	050858-51-0	Acrylic acid, monoester with polypropyleneglycol	
12010	040074-09-7	Acrylic acid, 2-sulphoethyl ester	
12040	039121-78-3	Acrylic acid, sulphopropyl ester	
12055	094160-26-6	Acrylic acid, triester with glycerol tris(2-hydroxypropyl) ether	
12058	003524-68-3	Acrylic acid, triester with pentaerythritol	
12062	075577-70-7	Acrylic acid, triester with 1,1,1-trimethylolpropane tris(2-hydroxyethyl) ether	
12660	068955-48-6	Amides made from C18 unsaturated fatty acid dimers and triethylenetetramine	
12761	000693-57-2	12-Aminododecanoic acid	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
12763	000141-43-5	2-Aminoethanol	
12769	013531-52-7	N-(2-Aminoethyl)-1,3-diaminopropane	
12772	000140-31-8	N-Aminoethylpiperazine	
12775	000124-68-5	2-Amino-2-methyl-1-propanol	
12776	068298-05-5	2-Amino-2-methyl-1-propanol-p-toluenesulphonate	
12779	000123-30-8	4-Aminophenol	
12781	038353-82-1	1-[(3-Aminophenyl)amino]-3-phenoxy-2-propanol	
12782	068391-25-3	1-[[4-[4-(Aminophenyl)methyl]phenyl]amino]-3-phenoxy-2-propanol	
12784	000056-18-8	N-(3-Aminopropyl)-1,3-diaminopropane	
13135	000119-53-9	Benzoin	
13183	?	Bicyclo[2.2.1]hept-5-ene-2,3-dicarboxylic acid, mono-n-butyl ester	
13245	002579-20-6	1,3-Bis(aminomethyl)cyclohexane	
13250	000101-77-9	Bis(4-aminophenyl)methane	
13255	010563-26-5	N,N'-Bis(3-aminopropyl)ethylenediamine	
13306	071074-89-0	Bis[(dimethylamino)methyl]phenol	
13308	005424-54-4	2,4-Bis[(dimethylamino)methyl]phenol	
13310	015827-34-6	2,6-Bis[(dimethylamino)methyl]phenol	
13316	021825-16-1	Bis(4-ethoxalylaminophenyl)methane	
13319	020178-33-0	Bis(4-hydroxycyclohexyl)methane	
13321	000080-04-6	2,2-Bis(4-hydroxycyclohexyl)propane	
13325	?	2,2-Bis(4-hydroxy-5-ethoxyphenyl)propane	
13328	000104-38-1	Bis(2-hydroxyethyl) ether of hydroquinone	
13400	000077-40-7	2,2-Bis(4-hydroxyphenyl)butane	
13405	083346-35-4	3,3-Bis(4-hydroxyphenyl)butyric acid	
13455	002467-02-9	Bis(2-hydroxyphenyl)methane	
13457	000620-92-8	Bis(4-hydroxyphenyl)methane	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
13465	000126-00-1	4,4-Bis(hydroxyphenyl)pentanoic acid	
13515	000901-44-0	2,2-Bis(4-hydroxyphenyl)propane bis(2-hydroxyethyl) ether	
13520	000116-37-0	2,2-Bis(4-hydroxyphenyl)propane bis(2-hydroxypropyl) ether	
13765	007300-34-7	1,4-Butanediol bis(3-aminopropyl) ether	
13842	000078-92-2	2-Butanol	
13845	000075-65-0	tert-Butanol	
13903	000590-18-1	cis-2-Butene	
13906	000624-64-6	trans-2-Butene	
13915	000110-64-5	2-Buten-1,4-diol	
14001	001320-16-7	tert-Butylbenzoic acid	
14005	000098-29-3	4-tert-Butylcatechol	
14008	000098-52-2	4-tert-Butylcyclohexanol	
14010	017540-75-9	4-sec-Butyl-2,6-di-tert-butylphenol	
14013	000115-84-4	2-Butyl-2-ethyl-1,3-propanediol	
14016	000089-72-5	2-sec-Butylphenol	
14018	000099-71-8	4-sec-Butylphenol	
14095	000503-17-3	2-Butyne	
14330	000592-35-8	Carbamic acid, butyl ester	
14505	009004-35-7	Cellulose acetate	
14512	009004-39-1	Cellulose acetate propionate	
14515	009004-48-2	Cellulose propionate	
14587	001204-28-0	4-(Chloroformyl)phthalic anhydride	
14670	000498-23-7	Citraconic acid	
14833	000623-43-8	Crotonic acid, methyl ester	
14842	000504-66-5	Cyanocyanamide	
14845	068426-02-8	N-Cyanoethyl-2,2,4-trimethylhexamethylenediamine	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
14847	068426-03-9	N-Cyanoethyl-2,4,4-trimethylhexamethylenediamine	
14850	000108-80-5	Cyanuric acid	Existing data should be provided to the SCF.
14890	000556-48-9	1,4-Cyclohexanediol	
14905	000108-93-0	Cyclohexanol	
14935	003312-60-5	N-Cyclohexyl-1,3-diaminopropane	
15030	000931-88-4	Cyclooctene	
15050	003724-52-5	Cyclopentanetetracarboxylic acid	
15060	000142-29-0	Cyclopentene	
15090	000112-47-0	1,10-Decanediol	
15095	000334-48-5	Decanoic acid	
15130	000872-05-9	1-Decene	Data inadequate. Migration and toxicity data according to guidelines.
15255	000694-83-7	1,2-Diaminocyclohexane	
15260	000646-25-3	1,10-Diaminodecane	
15265	001208-52-2	2,4'-Diaminodiphenylmethane	
15270	002783-17-7	1,12-Diaminododecane	
15275	038668-46-1	2,4-Diamino-6-[2-(2-methyl-1-imidazolyl)ethyl]-1,3,5-triazine	
15295	000373-44-4	1,8-Diaminooctane	
15310	000091-76-9	2,4-Diamino-6-phenyl-1,3,5-triazine	Data old and inadequate.
15409	?	3,5-Dibutylphenol	
15412	031291-60-8	Di-sec-butylphenol	
15414	000096-76-4	2,4-Di-tert-butylphenol	
15416	005875-45-6	2,5-Di-tert-butylphenol	
15418	000128-39-2	2,6-Di-tert-butylphenol	
15420	001138-52-9	3,5-Di-tert-butylphenol	
15735	000111-42-2	Diethanolamine	Data inadequate.

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
			R : contact with food containing nitrite should be avoided.
15770	004246-51-9	Diethyleneglycol bis(3-aminopropyl) ether	
15780	000111-90-0	Diethyleneglycol monoethyl ether	
15805	001197-34-8	3,5-Diethylphenol	
15855	059113-36-9	Diglycerol	
16015	041417-03-2	1,4-Dihydroxycyclododecane	
16100	060793-35-3	1,4-Dihydroxy-2-methylcyclohexane	
16115	025167-70-8	Diisobutene	
16145	000124-40-3	Dimethylamine	Data inadequate.
16160	000120-65-0	2-[(Dimethylamino)methyl]phenol	
16170	000103-87-7	4-[(Dimethylamino)methyl]phenol	
16190	000121-69-7	N,N-Dimethylaniline	
16195	000103-83-3	N,N-Dimethylbenzylamine	
16225	000109-55-7	N,N-Dimethyl-1,3-diaminopropane	
16243	?	6,6-Dimethylheptanoic acid	
16249	?	Dimethylhexahydroterephthalic acid	
16252	000110-03-2	2,5-Dimethyl-2,5-hexanediol	
16255	070621-82-8	2,4-Dimethylhexanoic acid	
16257	?	3,4-Dimethylhexanoic acid	
16258	060308-87-4	3,5-Dimethylhexanoic acid	
16260	060308-81-8	4,5-Dimethylhexanoic acid	
16263	000142-30-3	2,5-Dimethyl-3-hexyne-2,5-diol	
16363	000095-65-8	3,4-Dimethylphenol	
16364	000108-68-9	3,5-Dimethylphenol	
16370	000101-42-8	N,N-Dimethyl-N'-phenylurea	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
16380	030734-81-7	N,N-Dimethylpropanediamine	
16393	000075-98-9	2,2-Dimethylpropionic acid	
16395	005340-26-1	2,2-Dimethylpropionic acid, 2,2-dimethylpropyl ester	
16413	000137-99-5	2,4-Dinonylphenol	
16416	001807-29-0	2,4-Dioctylphenol	
16418	005806-72-4	2,4-Di-tert-octylphenol	
16515	000120-95-6	2,4-Di-tert-pentylphenol	
16655	000102-07-8	N,N'-Diphenylurea	
16670	034590-94-8	Dipropyleneglycol monomethyl ether	Data inadequate.
16675	?	3,5-Dipropylphenol	
16685	023235-61-2	Ditrimethylolpropane	
16697	000693-23-2	Dodecanedioic acid	
16699	005675-51-4	1,12-Dodecanediol	
16704	000112-41-4	1-Dodecene	
16707	025377-73-5	2-(Dodecenyl)succinic anhydride	
16711	000104-43-8	4-Dodecylphenol	
16715	013296-76-9	Eicostearic acid	
16717	025134-21-8	Endomethylenemethyltetrahydrophthalic anhydride	
16719	003813-52-3	Endomethylenetetrahydrophthalic acid	
16910	000111-35-3	3-Ethoxy-1-propanol	
16993	000111-76-2	Ethyleneglycol monobutyl ether	
16999	000112-25-4	Ethyleneglycol monohexyl ether	
17002	000109-86-4	Ethyleneglycol monomethyl ether	
17030	000094-96-2	2-Ethyl-1,3-hexanediol	
17041	041065-91-2	3-Ethylhexanoic acid	
17113	?	3-Ethyl-4-methylpentanoic acid	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
17116	005877-42-9	4-Ethyl-1-octyn-3-ol	
17120	000090-00-6	2-Ethylphenol	
17121	000620-17-7	3-Ethylphenol	
17122	000123-07-9	4-Ethylphenol	
17128	002612-29-5	2-Ethyl-1,3-propanediol	
17150	000078-27-3	1-Ethynylcyclohexanol	
17305	000141-02-6	Fumaric acid, bis(2-ethylhexyl) ester	
17505	000098-00-0	Furfurol	
18040	029733-18-4	Glutaric acid, diisodecyl ester	
18055	001119-40-0	Glutaric acid, dimethyl ester	
18135	023328-87-2	2-Heptadecylimidazole	
18140	000629-30-1	1,7-Heptanediol	
18320	000629-73-2	1-Hexadecene	
18433	003971-31-1	Hexahydroisophthalic acid	
18436	001687-30-5	Hexahydrophthalic acid	
18438	013149-00-3	cis-1,2-Hexahydrophthalic acid	
18439	014166-21-3	trans-1,2-Hexahydrophthalic acid	
18441	000085-42-7	Hexahydrophthalic anhydride	
18444	001076-97-7	Hexahydroterephthalic acid	
18446	000094-60-0	Hexahydroterephthalic acid, dimethyl ester	
18449	003089-11-0	N,N,N',N',N'',N''-Hexakis(methoxymethyl)-2,4,6-triamino-1,3,5-triazine	
18695	006920-22-5	1,2-Hexanediol	
18865	003031-66-1	3-Hexyn-2,5-diol	
18890	001965-29-3	N-(2-Hydroxyethyl)diethylenetriamine	
19105	000079-31-2	Isobutyric acid	
19120	025339-17-7	Isodecanol	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
19130	026896-18-4	Isononanoic acid	
19135	025103-52-0	Isooctanoic acid	
19140	026952-21-6	Isooctanol	
19260	000088-69-7	2-Isopropylphenol	
19262	000099-89-8	4-Isopropylphenol	
19265	030399-84-9	Isostearic acid	
19315	000617-52-7	Itaconic acid, dimethyl ester	
19490	000947-04-6	Laurolactam	90-Day oral rat and dog studies performed. Data inadequate. (RIVM report, September 1979)
19495	022032-47-9	Lauroleic acid	
19500	000623-99-4	Licanic acid	
19521	006144-28-1	Linoleic acid, dimer	
19523	?	Linoleic acid, trimer	
19529	?	Linolenic acid, dimer	
19936	007423-42-9	Maleic acid, mono(2-ethylhexyl) ester	
19977	000060-24-2	2-Mercaptoethanol	
20060	007659-36-1	Methacrylic acid, 2-aminoethyl ester	
20095	046729-07-1	Methacrylic acid, 4-tert-butylcyclohexyl ester	
20200	001888-94-4	Methacrylic acid, 2-chloroethyl ester	
20260	000101-43-9	Methacrylic acid, cyclohexyl ester	
20290	016868-14-7	Methacrylic acid, cyclopentyl ester	
20380	001189-08-8	Methacrylic acid, diester with 1,3-butanediol	
20410	002082-81-7	Methacrylic acid, diester with 1,4-butanediol	
20425	002358-84-1	Methacrylic acid, diester with diethyleneglycol	
20430	001985-51-9	Methacrylic acid, diester with 2,2-dimethyl-1,3-propanediol	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
20455	006606-59-3	Methacrylic acid, diester with 1,6-hexanediol	
20470	025852-47-5	Methacrylic acid, diester with polyethyleneglycol	
20474	?	Methacrylic acid, diester with 1,2-propanediol	
20480	001188-09-6	Methacrylic acid, diester with 1,3-propanediol	
20490	000109-17-1	Methacrylic acid, diester with tetraethyleneglycol	
20500	000105-16-8	Methacrylic acid, 2-(diethylamino)ethyl ester	
20740	039670-09-2	Methacrylic acid, ester with ethoxytriethyleneglycol	
20785	026915-72-0	Methacrylic acid, ester with methoxypolyethyleneglycol	
20800	024493-59-2	Methacrylic acid, ester with methoxytriethyleneglycol	
20860	005039-78-1	Methacrylic acid, ester with trimethylethanolammonium chloride	
20875	002370-63-0	Methacrylic acid, 2-ethoxyethyl ester	
20920	000688-84-6	Methacrylic acid, 2-ethylhexyl ester	
20965	002761-09-3	Methacrylic acid, 3-hydroxypropyl ester	
20980	007534-94-3	Methacrylic acid, isobornyl ester	
21040	029964-84-9	Methacrylic acid, isodecyl ester	
21070	028675-80-1	Methacrylic acid, isooctyl ester	
21170	000997-46-6	Methacrylic acid, monoester with 1,4-butanediol	
21310	003683-12-3	Methacrylic acid, phenylethyl ester	
21370	010595-80-9	Methacrylic acid, 2-sulphoethyl ester	
21400	054276-35-6	Methacrylic acid, sulphopropyl ester	
21615	000150-76-5	4-Methoxyphenol	
21620	000107-98-2	1-Methoxy-2-propanol	
21635	007413-02-7	2-Methylbicyclo[4.3.0]nona-3,8-diene	
21733	000115-19-5	2-Methyl-3-butyn-2-ol	4-Week oral rat study. Data inadequate. (Bayer rep. 12557, 22-03-1984)
21736	002549-61-3	alpha-Methyl-epsilon-caprolactone	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
21739	002549-60-2	beta-Methyl-epsilon-caprolactone	
21742	002549-58-8	delta-Methyl-epsilon-caprolactone	
21745	002549-59-9	epsilon-Methyl-epsilon-caprolactone	
21748	002549-42-0	gamma-Methyl-epsilon-caprolactone	
21751	026519-91-5	Methylcyclopentadiene	
21754	015520-10-2	2-Methyl-1,5-diaminopentane	
21757	?	Methylendomethylenetetrahydrophthalic acid	
21826	?	Methylethoxydimethylaminodichlorosilane	
21829	000097-30-3	alpha-Methyl-D-glucoside	
21832	?	3-Methylheptanoic acid	
21833	003302-03-2	4-Methylheptanoic acid	
21834	?	5-Methylheptanoic acid	
21835	000929-10-2	6-Methylheptanoic acid	
21845	019438-60-9	4-Methylhexahydrophthalic anhydride	
22070	000149-31-5	2-Methyl-1,3-pentanediol	
22080	000108-11-2	4-Methyl-2-pentanol	
22190	002163-42-0	2-Methyl-1,3-propanediol	
22247	026590-20-5	Methyl-1,2,3,6-tetrahydrophthalic anhydride	
22256	001185-55-3	Methyltrimethoxysilane	
22355	000544-64-9	Myristoleic acid	
22465	000112-05-0	Nonanoic acid	
22538	000136-83-4	2-Nonylphenol	
22585	003710-30-3	1,7-Octadiene	
22596	000629-41-4	1,8-Octanediol	
22675	000111-86-4	Octylamine	
22764	007049-68-5	Oleic acid, dimer	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
22800	000501-24-6	3-Pentadecylphenol	
22811	000591-93-5	1,4-Pentadiene	
22848	004067-16-7	Pentaethylenehexamine	
22853	003030-47-5	N,N,N',N',N"-Pentamethyldiethylenetriamine	
22858	005343-92-0	1,2-Pentanediol	
22861	000111-29-5	1,5-Pentanediol	
22864	000625-69-4	2,4-Pentanediol	
22901	000109-68-2	2-Pentene	
22908	000646-04-8	trans-2-Pentene	
22912	000627-19-0	1-Pentyne	
23140	000092-69-3	4-Phenylphenol	
23178	000101-02-0	Phosphorous acid, triphenyl ester	
23505	000110-85-0	Piperazine	
23510	001574-41-0	cis-Piperylene	
23523	025038-44-2	Poly(1-butenylene)	
23533	027417-83-0	Poly(1,4-butyleneglycol) bis(4-aminobutyl) ether	
23594	009004-74-4	Polyethyleneglycol monomethyl ether	
23605	065605-36-9	Poly(ethylene propylene)glycol bis(2-aminopropyl) ether	
23660	039423-51-3	Polypropyleneglycol 2-aminopropyl ether, ether with 1,1,1-trimethylolpropane	
23670	009046-10-0	Polypropyleneglycol bis(2-aminopropyl) ether	
23995	000108-32-7	Propylene carbonate	
24015	050995-95-4	2-Propylimidazole	
24020	000644-35-9	2-Propylphenol	
24021	000621-27-2	3-Propylphenol	
24022	000645-56-7	4-Propylphenol	
24035	001067-25-0	Propyltrimethoxysilane	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
24055	000089-05-4	Pyromellitic acid	
24080		Ricinoleic acid, dehydrated, dimer	
24885	005329-14-6	Sulphamic acid	
25105	000112-57-2	Tetraethylenepentamine	
25135	068889-71-4	Tetrahydrodicyclopentadienedimethanamine	
25158	000088-98-2	1,2,3,6-Tetrahydrophthalic acid	
25161	000085-43-8	1,2,3,6-Tetrahydrophthalic anhydride	1-Year oral rat study inadequate. (Allied Chem. Corp., 1958)
25163	002426-02-0	3,4,5,6-Tetrahydrophthalic anhydride	
25173	007727-33-5	1,1,2,2-Tetrakis(4-hydroxyphenyl)ethane	
25176	048229-25-0	1,1,5,5-Tetrakis(4-hydroxyphenyl)pentane	
25191	000126-86-3	2,4,7,9-Tetramethyl-5-decyne-4,7-diol	
25193	000110-95-2	N,N,N',N'-Tetramethyl-1,3-diaminopropane	
25195	001118-15-6	1,1,3,3-Tetramethyl-1,3-disiloxanediol	
25196	000077-63-4	2,4,6,8-Tetramethyl-2,4,6,8-tetraphenylcyclotetrasiloxane	
25201	000111-48-8	Thiodiethyleneglycol	
25203	000096-27-5	1-Thioglycerol	
25515	000112-50-5	Triethyleneglycol monoethyl ether	
25520	000112-24-3	Triethylenetetramine	
25530	?	Triglycerol	
25540	000528-44-9	Trimellitic acid	The working group of SCF considers that mutagenicity tests carried out on trimellitic anhydride will also cover trimellitic acid.
25550	000552-30-7	Trimellitic anhydride	
25563	003586-39-8	2,2,4-Trimethyladipic acid	
25564	003937-59-5	2,4,4-Trimethyladipic acid	

LIST 8

Substances for which no or only scanty and inadequate data were available.

PM/REF	CAS	NAME	SCF OPINION
25580	003302-10-1	3,5,5-Trimethylhexanoic acid	
25855	000144-19-4	2,2,4-Trimethyl-1,3-pentanediol	
25885	000546-45-2	2,4,6-Trimethyl-2,4,6-triphenylcyclotrisiloxane	
25905	000078-24-0	Tripentaerythritol	
25915	000090-72-2	2,4,6-Tris[(dimethylamino)methyl]phenol	
25925	000839-90-7	1,3,5-Tris(2-hydroxyethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	
25950	001852-04-6	Undecanedioic acid	
26400	072960-48-6	o-Xylylbiguanide	

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

PM/REF	CAS	NAME	SCF OPINION
10215	-	Acids, aliphatic and cyclic, mono- and polycarboxylic, allyl esters	
10218	-	Acids, aliphatic and cyclic, mono- and polycarboxylic, crotonyl esters	
10221	-	Acids, aliphatic and cyclic, mono- and polycarboxylic, methallyl esters	
10224	-	Acids, aliphatic and cyclic, mono- and polycarboxylic, vinyl esters	
10230	-	Acids, aliphatic, dicarboxylic (C3-C18), diallyl esters	
10233	-	Acids, aliphatic, dicarboxylic (C3-C18), divinyl esters	
10280	-	Acids, aliphatic, dicarboxylic, linear (C6-C12)	
10285	-	Acids, aliphatic, dicarboxylic, linear (C2-C12), methyl esters	
10305	-	Acids, aliphatic, dicarboxylic, saturated (C4-C22)	
10315	-	Acids, aliphatic, dicarboxylic, saturated, esters with polypropyleneglycol	
10400	-	Acids, aliphatic, dicarboxylic, unsaturated (C4-C12), omega-sulphoalkyl(C2-C6) diesters	
10410	-	Acids, aliphatic, dicarboxylic, unsaturated (C4-C12), omega-sulphoalkyl(C2-C6) esters of monoalkyl(C1-C18) esters	
10420	-	Acids, aliphatic, mono- and dicarboxylic (C2-C20), vinyl esters	
10435	-	Acids, aliphatic, monocarboxylic, branched (C8-C20)	
10572	-	Acids, aliphatic, monocarboxylic, unsaturated (C3-C18), omega-sulphoalkyl(C2-C6) esters	
10574	-	Acids, aliphatic, monocarboxylic (C2-C20), vinyl esters	
10576	-	Acids, aliphatic, mono- and polycarboxylic (C1-C18)	
10578	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with alcohols, aliphatic, monohydric (C1-C18)	
10580	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with alkyl(C8-C18)arylpoly(ethylene- and/or propylene- and/or butyleneglycol) (aryl = benzene or naphthalene)	
10582	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with	

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

PM/REF	CAS	NAME	SCF OPINION
		alkyl(C8-C18)poly(ethylene- and/or propylene- and/or butyleneglycol)	
10584	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with cyclohexanol	
10586	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with ether alcohols (C2-C20)	
10588	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with poly(ethylene- and/or propylene- and/or butyleneglycol)	
10590	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), monoesters with butanediol	
10592	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), monoesters with ethyleneglycol	
10594	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), monoesters with propanediol	
10595	-	Acids, aliphatic, saturated (C10), vinyl esters	
10596	-	Acids, fatty, above C6	
10598	-	Acids, fatty, dimers and trimers	
10599/50	-	Acids, fatty, saturated (C8)	
10599/53	-	Acids, fatty, saturated (C9)	
10599/56	-	Acids, fatty, saturated (C10)	
10599/70	-	Acids, fatty, unsaturated (C18)	
10599/73	-	Acids, fatty, unsaturated (C20)	
10599/76	-	Acids, fatty, unsaturated (C22)	
10599/79	-	Acids, fatty, unsaturated (C24)	

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

PM/REF	CAS	NAME	SCF OPINION
10599/90	061788-89-4	Acids, fatty, unsaturated (C18), dimers	
10599/92	068783-41-5	Acids, fatty, unsaturated (C18), dimers, hydrogenated	
10600	-	Acids, linear, with an even number of carbon atoms (C8-C22), and the dimers and trimers of the unsaturated acids	
10620	-	Aconitic acid, methyl ester	
10995	-	Acrylic acid, N,N-dialkyl(C1-C4)aminoalkyl(C2-C8) ester	
11335	-	Acrylic acid, esters with alcohols, aliphatic, polyhydric	
11410	-	Acrylic acid, esters with glycolethers obtained from mono- and/or diglycols with alcohols, aliphatic, monohydric (C1-C18)	
11860	-	Acrylic acid, monoester with propyleneglycol	
12365	-	Alcohols, aliphatic, monohydric, saturated (C1-C18)	
12493	-	Aldehydes, aliphatic, saturated (C1-C6)	
12548	-	Alkenes (up to C16)	
12563	-	N-Alkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	
12568	-	Alkyl(C2-C18)diethoxy(methyl)silane	
12571	068081-84-5	Alkyl(C10-C16) 2,3-epoxypropyl ether	
12576	-	Alkylphenols	
12578	-	Alkyl(C1-C4)phenols	
12625	028655-63-2	Allyl bis(hydroxymethyl)phenyl ether	
12645	-	Allyl ethers of monohydric alcohols (C1-C18)	
12648	-	Allyl ethers of polyhydric alcohols (C2-C12)	
12650	-	Allyl ethers of mono-, di-, or trimethylolphenol	
12658	064051-40-7	Allyl tris(hydroxymethyl)phenyl ether	
12666	-	N-Aminoalkyl(C2-C8)-N,N'-dialkyl(C1-C4)acrylamide	

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

PM/REF	CAS	NAME	SCF OPINION
12668	-	N-Aminoalkyl(C2-C8)-N,N'-dialkyl(C1-C4)methacrylamide	
12980	008015-74-5	Beechnut oil	
12983	-	Beechnut oil fatty acids, and their dimers	
13170	-	Bicycloalkadienes (C10-C16)	
14185	008015-80-3	Candlenut oil	
14188	-	Candlenut oil fatty acids, and their dimers	
14445	-	Castor oil fatty acids	
14450	-	Castor oil fatty acids, dehydrated, and their dimers	
14451	-	Castor oil fatty acids, dimers	
14453	061790-39-4	Castor oil fatty acids, hydrogenated	
14508	009004-36-8	Cellulose acetate butyrate	
14520	008001-20-5	Chinawood oil	
14523	-	Chinawood oil fatty acids, and their dimers	
14685	008001-31-8	Coconut oil	
14688	009000-14-0	Copal	
14690	-	Copal, esters with alcohols, polyhydric (C3-C6)	
14693	008001-30-7	Corn oil	
14695	-	Corn oil fatty acids, and their dimers	
14698	008001-29-4	Cottonseed oil	
14700	-	Cottonseed oil fatty acids, and their dimers	
14855	-	Cycloalkadienes (C5-C8)	
14865	029996-45-0	Cyclododecanediol	
14895	-	Cyclohexanetetracarboxylic acid	
14900	-	Cyclohexanetetracarboxylic acid, methyl esters	

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

PM/REF	CAS	NAME	SCF OPINION
14915	-	Cyclohexene derivatives	
14917	-	Cyclohexene derivatives, epoxidized	
15055	-	Cyclopentanetetracarboxylic acid, methyl esters	
15860	?	Dihydrophthalic acid	
15870	?	Dihydrophthalic anhydride	
16107	?	Dihydroxytricyclodecane	
16246	?	Dimethylhexahydrophthalic acid	
16408	068951-98-4	Dimethylsiloxanes, methyl-3,3,3-trifluoropropyl, vinyl terminated	
16709	027193-86-8	Dodecylphenol	
16713	-	Drying oils	
16714	009000-75-3	Elemi	
16885	-	Ethers of 1,1,1-trimethylolpropane	
17180	-	Fatty acids, dehydrated	
17233	073138-53-1	Fatty acids, tall oil, dimerized	
17239	-	Fatty amines, coco	
17245	008016-13-5	Fish oil	
17247	-	Fish oil fatty acids, and their dimers	
17520	012002-43-6	Gilsonite	
18105	-	Glycerol esters of dammar, copal, elemi, and sandarac	
18124	008016-24-8	Hempseed oil	
18126	-	Hempseed oil fatty acids, and their dimers	
18870	-	N-omega-Hydroxyalkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	
18895	-	N-Hydroxymethyl-N-alkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

PM/REF	CAS	NAME	SCF OPINION
19125	101051-37-0	Isomethyltetrahydrophthalic acid	Needed : molecular and structural formula.
19400	-	Itaconic acid, esters with alcohols, aliphatic, monohydric, unsaturated (C3-C12)	
19435	-	Itaconic acid, methyl ester	
19532	008001-26-1	Linseed oil	
19534	-	Linseed oil fatty acids, and their dimers	
19800	-	Maleic acid, esters with alcohols, aliphatic, monohydric, unsaturated (C3-C18)	
20335	-	Methacrylic acid, N,N-dialkyl(C1-C4)aminoalkyl(C2-C8) ester	
20473	-	Methacrylic acid, diester with polypropyleneglycol	
20605	-	Methacrylic acid, esters with alcohols, aliphatic, monohydric, saturated (C1-C18)	
20665	-	Methacrylic acid, esters with alcohols, aliphatic, polyhydric	
21505	-	Methallyl ethers of monohydric alcohols (C1-C18)	
21510	-	Methallyl ethers of polyhydric alcohols (C2-C12)	
21560	-	N-Methoxyalkyl(C1-C6)-N-alkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	
21568	-	N-Methoxyalkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	
21840	?	Methylhexahydrophthalic acid	
22245	?	Methyltetrahydrophthalic acid	
22535	025154-52-3	Nonylphenol	
22755	008016-35-1	Oiticica oil	
22757	-	Oiticica oil fatty acids, and their dimers	
22769	-	Olive oil fatty acids, and their dimers	
22790	-	Palm kernel oil fatty acids, and their dimers	

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

PM/REF	CAS	NAME	SCF OPINION
22795	-	Palm oil fatty acids, and their dimers	
22945	068132-21-8	Perilla oil	
22950	-	Perilla oil fatty acids, and their dimers	
23005	-	Phenyl-o-cresol	
23215	-	Phthalic acids, chlorinated	
23515	009003-17-2	Polybutadiene	
23518	-	Polybutadiene, epoxidized	
23540	?	Polycyclopentene	
23543	-	Polycyclopentene, epoxidized	
23600	068131-73-7	Polyethylenepolyamines	
23610	025618-55-7	Polyglycerol	
23635	068442-33-1	Polypropylene, chlorinated	
23720	009003-33-2	Polyvinylformal	
23730	008002-11-7	Poppyseed oil	
23733	-	Poppyseed oil fatty acids, and their dimers	
24045	008016-49-7	Pumpkinseed oil	
24047	-	Pumpkinseed oil fatty acids, and their dimers	
24060	-	Quaternary ammonium salts of N,N-dialkyl(C1-C4)amino-alkyl(C2-C8)acrylate or methacrylate with acetic acid, benzenesulphonic acid, hydrobromic acid, chlorosulphonic acid, and hydrochloric acid	
24065	-	Rapeseed oil fatty acids, and their dimers	
24078	-	Ricinoleic acid, dehydrated	
24085	-	Ricinoleic acid, hydrogenated	
24140	-	Rosin, hydrogenated, esters with alcohols, polyhydric (C3-C6)	
24150	065997-05-9	Rosin, polymerized	

LIST 9

Substances and groups of substances which could not be evaluated due to lack of specifications (substances) or due to lack of adequate description (groups of substances). Groups of substances should be replaced, where possible, by individual substances actually in use.

PM/REF	CAS	NAME	SCF OPINION
24260	008001-23-8	Safflower oil	
24262	-	Safflower oil fatty acids, and their dimers	
24275	009000-57-1	Sandarac	
24435	008008-74-0	Sesame oil	
24437	-	Sesame oil fatty acids, and their dimers	
24445	-	Silanols containing at least one hydroxyl group and one or more methyl groups on each silicon atom	
24525	-	Soybean oil fatty acids, dimers	
24895	008001-21-6	Sunflower oil	
24900	-	Sunflower oil fatty acids, and their dimers	
25155	029965-78-4	Tetrahydrophthalic acid	
25355	-	Trialkyl(C4-C11)acetic acid	
25359	-	Trialkyl(C4-C11)acetic acid, 2,3-epoxypropyl ester	
25465	?	Tricyclodecanemonomethanol	
25565	-	2,2,4-Trimethyladipic acid, methyl esters	Group R : 0.025 mg/kg b.w.
25566	-	2,4,4-Trimethyladipic acid, methyl esters	Group R : 0.025 mg/kg b.w.
25595	000077-85-0	Trimethylolethane	
25965	-	Utah coal resin	
25970	-	Vegetable oil acids	
25975	-	Vegetable oil acids, dimerized	
26340	008024-09-7	Walnut oil	
26345	-	Walnut oil fatty acids, and their dimers	

LIST W

Substances not yet included in the Community lists.

PM/REF	CAS	NAME	SCF OPINION
13270	022287-56-5	4,4'-Bis(4-chlorophenylsulphonyl)biphenyl	
13323	000102-40-9	1,3-Bis(2-hydroxyethoxy)benzene	Data inadequate.
15220	000088-63-1	2,4-Diaminobenzenesulphonic acid	
15820	000345-92-6	4,4'-Difluorobenzophenone	
15850	000383-29-9	4,4'-Difluorodiphenyl sulphone	
16200	000616-38-6	Dimethyl carbonate	Data inadequate.
22340	000074-89-5	Monomethylamine	Data inadequate.
22390	000840-65-3	2,6-Naphthalenedicarboxylic acid, dimethyl ester	

ANNEX III

LIST OF SUBSTANCES EVALUATED IN THIS REPORT AND THEIR CLASSIFICATION.

PM/REF	CAS	NAME	SCF
10060	000075-07-0	Acetaldehyde	2
10150	000108-24-7	Acetic anhydride	2
10160	002206-94-2	alpha-Acetoxystyrene	6A
10162	010521-96-7	beta-Acetoxystyrene	6A
10180	000556-08-1	p-(Acetylamino)benzoic acid	7
10215	-	Acids, aliphatic and cyclic, mono- and polycarboxylic, allyl esters	9
10218	-	Acids, aliphatic and cyclic, mono- and polycarboxylic, crotonyl esters	9
10221	-	Acids, aliphatic and cyclic, mono- and polycarboxylic, methallyl esters	9
10224	-	Acids, aliphatic and cyclic, mono- and polycarboxylic, vinyl esters	9
10230	-	Acids, aliphatic, dicarboxylic (C3-C18), diallyl esters	9
10233	-	Acids, aliphatic, dicarboxylic (C3-C18), divinyl esters	9
10280	-	Acids, aliphatic, dicarboxylic, linear (C6-C12)	9
10285	-	Acids, aliphatic, dicarboxylic, linear (C2-C12), methyl esters	9
10305	-	Acids, aliphatic, dicarboxylic, saturated (C4-C22)	9
10315	-	Acids, aliphatic, dicarboxylic, saturated, esters with polypropyleneglycol	9
10400	-	Acids, aliphatic, dicarboxylic, unsaturated (C4-C12), omega-sulphoalkyl(C2-C6) diesters	9
10410	-	Acids, aliphatic, dicarboxylic, unsaturated (C4-C12), omega-sulphoalkyl(C2-C6) esters of monoalkyl(C1-C18) esters	9
10420	-	Acids, aliphatic, mono- and dicarboxylic (C2-C20), vinyl esters	9
10435	-	Acids, aliphatic, monocarboxylic, branched (C8-C20)	9
10572	-	Acids, aliphatic, monocarboxylic, unsaturated (C3-C18), omega-sulphoalkyl(C2-C6) esters	9
10574	-	Acids, aliphatic, monocarboxylic (C2-C20), vinyl esters	9
10576	-	Acids, aliphatic, mono- and polycarboxylic (C1-C18)	9
10578	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with alcohols, aliphatic, monohydric (C1-C18)	9
10580	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with alkyl(C8-C18)arylpoly(ethylene- and/or propylene- and/or butyleneglycol) (aryl =	9

ANNEX III

LIST OF SUBSTANCES EVALUATED IN THIS REPORT AND THEIR CLASSIFICATION.

PM/REF	CAS	NAME	SCF
		benzene or naphthalene)	
10582	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with alkyl(C8-C18)poly(ethylene- and/or propylene- and/or butyleneglycol)	9
10584	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with cyclohexanol	9
10586	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with ether alcohols (C2-C20)	9
10588	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), esters with poly(ethylene- and/or propylene- and/or butyleneglycol)	9
10590	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), monoesters with butanediol	9
10592	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), monoesters with ethyleneglycol	9
10594	-	Acids, aliphatic, mono- and polycarboxylic (C3-C12), monoesters with propanediol	9
10595	-	Acids, aliphatic, saturated (C10), vinyl esters	9
10596	-	Acids, fatty, above C6	9
10598	-	Acids, fatty, dimers and trimers	9
10599/50	-	Acids, fatty, saturated (C8)	9
10599/53	-	Acids, fatty, saturated (C9)	9
10599/56	-	Acids, fatty, saturated (C10)	9
10599/70	-	Acids, fatty, unsaturated (C18)	9
10599/73	-	Acids, fatty, unsaturated (C20)	9
10599/76	-	Acids, fatty, unsaturated (C22)	9
10599/79	-	Acids, fatty, unsaturated (C24)	9
10599/90	061788-89-4	Acids, fatty, unsaturated (C18), dimers	9
10599/92	068783-41-5	Acids, fatty, unsaturated (C18), dimers, hydrogenated	9

ANNEX III

LIST OF SUBSTANCES EVALUATED IN THIS REPORT AND THEIR CLASSIFICATION.

PM/REF	CAS	NAME	SCF
10600	-	Acids, linear, with an even number of carbon atoms (C8-C22), and the dimers and trimers of the unsaturated acids	9
10615	000499-12-7	Aconitic acid	8
10620	-	Aconitic acid, methyl ester	9
10660	015214-89-8	Acrylamidomethylpropanesulphonic acid	6A
10690	000079-10-7	Acrylic acid	2
10720	000999-55-3	Acrylic acid, allyl ester	6A
10775	084100-23-2	Acrylic acid, 4-tert-butylcyclohexyl ester	8
10995	-	Acrylic acid, N,N-dialkyl(C1-C4)aminoalkyl(C2-C8) ester	9
11000	050976-02-8	Acrylic acid, dicyclopentadienyl ester	8
11005	012542-30-2	Acrylic acid, dicyclopentenyl ester	8
11010	024447-78-7	Acrylic acid, diester with 2,2-bis(4-hydroxyphenyl)propane bis(2-hydroxyethyl) ether	8
11090	002223-82-7	Acrylic acid, diester with 2,2-dimethyl-1,3-propanediol	8
11100	057472-68-1	Acrylic acid, diester with dipropyleneglycol	8
11180	017831-71-9	Acrylic acid, diester with tetraethyleneglycol	8
11190	001680-21-3	Acrylic acid, diester with triethyleneglycol	8
11195	068901-05-3	Acrylic acid, diester with tripropyleneglycol	8
11230	002439-35-2	Acrylic acid, 2-(dimethylamino)ethyl ester	7
11245	002156-97-0	Acrylic acid, dodecyl ester	7
11260	000106-90-1	Acrylic acid, 2,3-epoxypropyl ester	6A
11335	-	Acrylic acid, esters with alcohols, aliphatic, polyhydric	9
11410	-	Acrylic acid, esters with glycolethers obtained from mono- and/or diglycols with alcohols, aliphatic, monohydric (C1-C18)	9
11425	?	Acrylic acid, ester with methoxydiethyleneglycol	8
11430	032171-39-4	Acrylic acid, ester with methoxypolyethyleneglycol	8
11520	002918-23-2	Acrylic acid, 2-hydroxyisopropyl ester (= acrylic acid, 2-hydroxy-1-methylethyl ester)	7

ANNEX III

LIST OF SUBSTANCES EVALUATED IN THIS REPORT AND THEIR CLASSIFICATION.

PM/REF	CAS	NAME	SCF
11532	002761-08-2	Acrylic acid, 3-hydroxypropyl ester	8
11645	093841-48-6	Acrylic acid, isooctadecyl ester	8
11815	026424-32-8	Acrylic acid, monoester with 2,2-dimethyl-1,3-propanediol	8
11840	010095-14-4	Acrylic acid, monoester with 1,6-hexanediol	8
11845	?	Acrylic acid, monoester with pentapropyleneglycol	7
11850	026403-58-7	Acrylic acid, monoester with polyethyleneglycol	8
11855	050858-51-0	Acrylic acid, monoester with polypropyleneglycol	8
11860	-	Acrylic acid, monoester with propyleneglycol	9
11875	004813-57-4	Acrylic acid, octadecyl ester	7
12010	040074-09-7	Acrylic acid, 2-sulphoethyl ester	8
12040	039121-78-3	Acrylic acid, sulphopropyl ester	8
12055	094160-26-6	Acrylic acid, triester with glycerol tris(2-hydroxypropyl) ether	8
12058	003524-68-3	Acrylic acid, triester with pentaerythritol	8
12062	075577-70-7	Acrylic acid, triester with 1,1,1-trimethylolpropane tris(2-hydroxyethyl) ether	8
12140	003130-19-6	Adipic acid, bis(3,4-epoxycyclohexylmethyl) ester	6A
12160	002998-04-1	Adipic acid, diallyl ester	6A
12190	000105-97-5	Adipic acid, di-n-decyl ester	6B
12220	027178-16-1	Adipic acid, diisodecyl ester	6B
12235	000627-93-0	Adipic acid, dimethyl ester	6B
12250	000123-79-5	Adipic acid, di-n-octyl ester	6B
12265	004074-90-2	Adipic acid, divinyl ester	6A
12280	002035-75-8	Adipic anhydride	2
12365	-	Alcohols, aliphatic, monohydric, saturated (C1-C18)	9
12370	-	Alcohols, aliphatic, monohydric, saturated, primary, secondary or tertiary (C4-C22)	7
12375	-	Alcohols, aliphatic, monohydric, saturated, linear, primary (C4-C22)	3
12493	-	Aldehydes, aliphatic, saturated (C1-C6)	9

ANNEX III

LIST OF SUBSTANCES EVALUATED IN THIS REPORT AND THEIR CLASSIFICATION.

PM/REF	CAS	NAME	SCF
12548	-	Alkenes (up to C16)	9
12563	-	N-Alkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	9
12568	-	Alkyl(C2-C18)diethoxy(methyl)silane	9
12571	068081-84-5	Alkyl(C10-C16) 2,3-epoxypropyl ether	9
12576	-	Alkylphenols	9
12578	-	Alkyl(C1-C4)phenols	9
12610	000107-18-6	Allyl alcohol	6A
12625	028655-63-2	Allyl bis(hydroxymethyl)phenyl ether	9
12640	000106-92-3	Allyl 2,3-epoxypropyl ether	6A
12645	-	Allyl ethers of monohydric alcohols (C1-C18)	9
12648	-	Allyl ethers of polyhydric alcohols (C2-C12)	9
12650	-	Allyl ethers of mono-, di-, or trimethylolphenol	9
12653	028655-62-1	2-(Allyloxy)benzyl alcohol	6A
12657	001746-13-0	Allyl phenyl ether	6A
12658	064051-40-7	Allyl tris(hydroxymethyl)phenyl ether	9
12660	068955-48-6	Amides made from C18 unsaturated fatty acid dimers and triethylenetetramine	8
12666	-	N-Aminoalkyl(C2-C8)-N,N'-dialkyl(C1-C4)acrylamide	9
12668	-	N-Aminoalkyl(C2-C8)-N,N'-dialkyl(C1-C4)methacrylamide	9
12670	002855-13-2	1-Amino-3-aminomethyl-3,5,5-trimethylcyclohexane	2
12761	000693-57-2	12-Aminododecanoic acid	8
12763	000141-43-5	2-Aminoethanol	8
12769	013531-52-7	N-(2-Aminoethyl)-1,3-diaminopropane	8
12772	000140-31-8	N-Aminoethylpiperazine	8
12775	000124-68-5	2-Amino-2-methyl-1-propanol	8
12776	068298-05-5	2-Amino-2-methyl-1-propanol-p-toluenesulphonate	8
12779	000123-30-8	4-Aminophenol	8

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PM/REF	CAS	NAME	SCF
12781	038353-82-1	1-[(3-Aminophenyl)amino]-3-phenoxy-2-propanol	8
12782	068391-25-3	1-[[4-[4-(Aminophenyl)methyl]phenyl]amino]-3-phenoxy-2-propanol	8
12784	000056-18-8	N-(3-Aminopropyl)-1,3-diaminopropane	8
12788	002432-99-7	11-Aminoundecanoic acid	4A
12800	000062-53-3	Aniline	6A
12810	000506-30-9	Arachidic acid	0
12813	007771-44-0	Arachidonic acid	0
12850	029602-44-6	Azelaic acid, bis(2-hydroxyethyl) ester	6B
12910	001732-10-1	Azelaic acid, dimethyl ester	6B
12940	004080-88-0	Azelaic acid, diphenyl ester	6B
12970	004196-95-6	Azelaic anhydride	2
12980	008015-74-5	Beechnut oil	9
12983	-	Beechnut oil fatty acids, and their dimers	9
12990	000112-85-6	Behenic acid	0
13000	001477-55-0	1,3-Benzenedimethanamine	3
13120	000769-78-8	Benzoic acid, vinyl ester	7
13135	000119-53-9	Benzoin	8
13170	-	Bicycloalkadienes (C10-C16)	9
13177	000121-46-0	Bicyclo[2.2.1]hepta-2,5-diene	6A
13183	?	Bicyclo[2.2.1]hept-5-ene-2,3-dicarboxylic acid, mono-n-butyl ester	8
13245	002579-20-6	1,3-Bis(aminomethyl)cyclohexane	8
13250	000101-77-9	Bis(4-aminophenyl)methane	8
13255	010563-26-5	N,N'-Bis(3-aminopropyl)ethylenediamine	8
13270	022287-56-5	4,4'-Bis(4-chlorophenylsulphonyl)biphenyl	W
13290	000079-94-7	2,2-Bis(3,5-dibromo-4-hydroxyphenyl)propane	5
13306	071074-89-0	Bis[(dimethylamino)methyl]phenol	8

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PM/REF	CAS	NAME	SCF
13308	005424-54-4	2,4-Bis[(dimethylamino)methyl]phenol	8
13310	015827-34-6	2,6-Bis[(dimethylamino)methyl]phenol	8
13313	002426-08-6	Bis(2,3-epoxypropyl) butyl ether	6A
13316	021825-16-1	Bis(4-ethoxalylaminophenyl)methane	8
13319	020178-33-0	Bis(4-hydroxycyclohexyl)methane	8
13321	000080-04-6	2,2-Bis(4-hydroxycyclohexyl)propane	8
13323	000102-40-9	1,3-Bis(2-hydroxyethoxy)benzene	W
13325	?	2,2-Bis(4-hydroxy-5-ethoxyphenyl)propane	8
13328	000104-38-1	Bis(2-hydroxyethyl) ether of hydroquinone	8
13400	000077-40-7	2,2-Bis(4-hydroxyphenyl)butane	8
13405	083346-35-4	3,3-Bis(4-hydroxyphenyl)butyric acid	8
13455	002467-02-9	Bis(2-hydroxyphenyl)methane	8
13457	000620-92-8	Bis(4-hydroxyphenyl)methane	8
13460	054208-63-8	Bis(2-hydroxyphenyl)methane bis(2,3-epoxypropyl) ether	6A
13465	000126-00-1	4,4-Bis(hydroxyphenyl)pentanoic acid	8
13485	071033-08-4	2,2-Bis(4-hydroxyphenyl)propane bis[3-butoxy-2-(2,3-epoxypropoxy)propyl] ether	6A
13510	001675-54-3	2,2-Bis(4-hydroxyphenyl)propane bis(2,3-epoxypropyl) ether	4A
13515	000901-44-0	2,2-Bis(4-hydroxyphenyl)propane bis(2-hydroxyethyl) ether	8
13520	000116-37-0	2,2-Bis(4-hydroxyphenyl)propane bis(2-hydroxypropyl) ether	8
13530	038103-06-9	2,2-Bis(4-hydroxyphenyl)propane bis(phthalic anhydride)	3
13620	010043-35-3	Boric acid	2
13765	007300-34-7	1,4-Butanediol bis(3-aminopropyl) ether	8
13780	002425-79-8	1,4-Butanediol bis(2,3-epoxypropyl) ether	6A
13840	000071-36-3	1-Butanol	3
13842	000078-92-2	2-Butanol	8
13845	000075-65-0	tert-Butanol	8

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PM/REF	CAS	NAME	SCF
13903	000590-18-1	cis-2-Butene	8
13906	000624-64-6	trans-2-Butene	8
13915	000110-64-5	2-Buten-1,4-diol	8
13932	000598-32-3	3-Buten-2-ol	6A
13960	001852-16-0	N-(Butoxymethyl)acrylamide	6A
13990	005153-77-5	N-(Butoxymethyl)methacrylamide	6A
13996	?	N-Butylacrylamide	6A
13998	000107-58-4	N-tert-Butylacrylamide	6A
14001	001320-16-7	tert-Butylbenzoic acid	8
14002	000098-73-7	p-tert-Butylbenzoic acid	7
14005	000098-29-3	4-tert-Butylcatechol	8
14008	000098-52-2	4-tert-Butylcyclohexanol	8
14010	017540-75-9	4-sec-Butyl-2,6-di-tert-butylphenol	8
14013	000115-84-4	2-Butyl-2-ethyl-1,3-propanediol	8
14016	000089-72-5	2-sec-Butylphenol	8
14018	000099-71-8	4-sec-Butylphenol	8
14035	001746-23-2	4-tert-Butylstyrene	6A
14050	000111-34-2	Butyl vinyl ether	7
14080	000926-02-3	tert-Butyl vinyl ether	7
14095	000503-17-3	2-Butyne	8
14170	000106-31-0	Butyric anhydride	3
14185	008015-80-3	Candlenut oil	9
14188	-	Candlenut oil fatty acids, and their dimers	9
14330	000592-35-8	Carbamic acid, butyl ester	8
14340	000124-38-9	Carbon dioxide	1
14410	008001-79-4	Castor oil (food grade quality)	1

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PM/REF	CAS	NAME	SCF
14441	064147-40-6	Castor oil, dehydrated (food grade quality)	2
14445	-	Castor oil fatty acids	9
14446	-	Castor oil fatty acids (food grade quality)	2
14450	-	Castor oil fatty acids, dehydrated, and their dimers	9
14451	-	Castor oil fatty acids, dimers	9
14453	061790-39-4	Castor oil fatty acids, hydrogenated	9
14505	009004-35-7	Cellulose acetate	8
14508	009004-36-8	Cellulose acetate butyrate	9
14512	009004-39-1	Cellulose acetate propionate	8
14515	009004-48-2	Cellulose propionate	8
14520	008001-20-5	Chinawood oil	9
14523	-	Chinawood oil fatty acids, and their dimers	9
14545	-	Chlorobutadiene	6A
14560	000126-99-8	2-Chloro-1,3-butadiene	6A
14585	000110-75-8	Chloroethyl vinyl ether	6A
14587	001204-28-0	4-(Chloroformyl)phthalic anhydride	8
14670	000498-23-7	Citraconic acid	8
14685	008001-31-8	Coconut oil	9
14686	008001-31-8	Coconut oil (food grade quality)	0
14688	009000-14-0	Copal	9
14690	-	Copal, esters with alcohols, polyhydric (C3-C6)	9
14693	008001-30-7	Corn oil	9
14694	008001-30-7	Corn oil (food grade quality)	0
14695	-	Corn oil fatty acids, and their dimers	9
14696	-	Corn oil fatty acids, and their dimers (food grade quality)	0
14698	008001-29-4	Cottonseed oil	9

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PM/REF	CAS	NAME	SCF
14699	008001-29-4	Cottonseed oil (food grade quality)	0
14700	-	Cottonseed oil fatty acids, and their dimers	9
14701	-	Cottonseed oil fatty acids, and their dimers (food grade quality)	0
14705	000271-89-6	Coumarone	6A
14800	003724-65-0	Crotonic acid	6A
14815	020474-93-5	Crotonic acid, allyl ester	6A
14833	000623-43-8	Crotonic acid, methyl ester	8
14836	014861-06-4	Crotonic acid, vinyl ester	7
14839	000623-68-7	Crotonic anhydride	6A
14842	000504-66-5	Cyanocyanamide	8
14845	068426-02-8	N-Cyanoethyl-2,2,4-trimethylhexamethylenediamine	8
14847	068426-03-9	N-Cyanoethyl-2,4,4-trimethylhexamethylenediamine	8
14850	000108-80-5	Cyanuric acid	8
14855	-	Cycloalkadienes (C5-C8)	9
14865	029996-45-0	Cyclododecanediol	9
14890	000556-48-9	1,4-Cyclohexanediol	8
14895	-	Cyclohexanetetracarboxylic acid	9
14900	-	Cyclohexanetetracarboxylic acid, methyl esters	9
14905	000108-93-0	Cyclohexanol	8
14910	000108-94-1	Cyclohexanone	6A
14915	-	Cyclohexene derivatives	9
14917	-	Cyclohexene derivatives, epoxidized	9
14935	003312-60-5	N-Cyclohexyl-1,3-diaminopropane	8
15020	002182-55-0	Cyclohexyl vinyl ether	7
15027	000111-78-4	1,5-Cyclooctadiene	6A
15030	000931-88-4	Cyclooctene	8

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PM/REF	CAS	NAME	SCF
15050	003724-52-5	Cyclopentanetetracarboxylic acid	8
15055	-	Cyclopentanetetracarboxylic acid, methyl esters	9
15060	000142-29-0	Cyclopentene	8
15065	009000-16-2	Dammar	3
15090	000112-47-0	1,10-Decanediol	8
15095	000334-48-5	Decanoic acid	8
15100	000112-30-1	1-Decanol	3
15130	000872-05-9	1-Decene	8
15160	000765-05-9	Decyl vinyl ether	7
15220	000088-63-1	2,4-Diaminobenzenesulphonic acid	W
15250	000110-60-1	1,4-Diaminobutane	2
15255	000694-83-7	1,2-Diaminocyclohexane	8
15260	000646-25-3	1,10-Diaminodecane	8
15265	001208-52-2	2,4'-Diaminodiphenylmethane	8
15270	002783-17-7	1,12-Diaminododecane	8
15275	038668-46-1	2,4-Diamino-6-[2-(2-methyl-1-imidazolyl)ethyl]-1,3,5-triazine	8
15295	000373-44-4	1,8-Diaminooctane	8
15310	000091-76-9	2,4-Diamino-6-phenyl-1,3,5-triazine	8
15406	?	N,N-Dibutylacrylamide	6A
15409	?	3,5-Dibutylphenol	8
15412	031291-60-8	Di-sec-butylphenol	8
15414	000096-76-4	2,4-Di-tert-butylphenol	8
15416	005875-45-6	2,5-Di-tert-butylphenol	8
15418	000128-39-2	2,6-Di-tert-butylphenol	8
15420	001138-52-9	3,5-Di-tert-butylphenol	8
15695	000461-58-5	Dicyanodiamide	2

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PM/REF	CAS	NAME	SCF
15735	000111-42-2	Diethanolamine	8
15755	?	N,N-Diethylacrylamide	6A
15770	004246-51-9	Diethyleneglycol bis(3-aminopropyl) ether	8
15780	000111-90-0	Diethyleneglycol monoethyl ether	8
15790	000111-40-0	Diethylenetriamine	7
15805	001197-34-8	3,5-Diethylphenol	8
15820	000345-92-6	4,4'-Difluorobenzophenone	W
15850	000383-29-9	4,4'-Difluorodiphenyl sulphone	W
15855	059113-36-9	Diglycerol	8
15860	?	Dihydrophthalic acid	9
15870	?	Dihydrophthalic anhydride	9
15970	000611-99-4	4,4'-Dihydroxybenzophenone	2
16015	041417-03-2	1,4-Dihydroxycyclododecane	8
16100	060793-35-3	1,4-Dihydroxy-2-methylcyclohexane	8
16107	?	Dihydroxytricyclodecane	9
16115	025167-70-8	Diisobutene	8
16136	016753-62-1	Dimethoxy(methyl)vinylsilane	6A
16138	002680-03-7	N,N-Dimethylacrylamide	6A
16145	000124-40-3	Dimethylamine	8
16160	000120-65-0	2-[(Dimethylamino)methyl]phenol	8
16170	000103-87-7	4-[(Dimethylamino)methyl]phenol	8
16180	005205-93-6	N-(Dimethylaminopropyl)methacrylamide	6A
16190	000121-69-7	N,N-Dimethylaniline	8
16195	000103-83-3	N,N-Dimethylbenzylamine	8
16200	000616-38-6	Dimethyl carbonate	W
16225	000109-55-7	N,N-Dimethyl-1,3-diaminopropane	8

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PM/REF	CAS	NAME	SCF
16243	?	6,6-Dimethylheptanoic acid	8
16246	?	Dimethylhexahydrophthalic acid	9
16249	?	Dimethylhexahydroterephthalic acid	8
16252	000110-03-2	2,5-Dimethyl-2,5-hexanediol	8
16255	070621-82-8	2,4-Dimethylhexanoic acid	8
16257	?	3,4-Dimethylhexanoic acid	8
16258	060308-87-4	3,5-Dimethylhexanoic acid	8
16260	060308-81-8	4,5-Dimethylhexanoic acid	8
16263	000142-30-3	2,5-Dimethyl-3-hexyne-2,5-diol	8
16363	000095-65-8	3,4-Dimethylphenol	8
16364	000108-68-9	3,5-Dimethylphenol	8
16370	000101-42-8	N,N-Dimethyl-N'-phenylurea	8
16380	030734-81-7	N,N-Dimethylpropanediamine	8
16393	000075-98-9	2,2-Dimethylpropionic acid	8
16395	005340-26-1	2,2-Dimethylpropionic acid, 2,2-dimethylpropyl ester	8
16398	052561-72-5	2,2-Dimethylpropionic acid, 2,3-epoxypropyl ester	6A
16400	003377-92-2	2,2-Dimethylpropionic acid, vinyl ester	7
16408	068951-98-4	Dimethylsiloxanes, methyl-3,3,3-trifluoropropyl, vinyl terminated	9
16410	000067-68-5	Dimethyl sulphoxide	3
16413	000137-99-5	2,4-Dinonylphenol	8
16416	001807-29-0	2,4-Dioctylphenol	8
16418	005806-72-4	2,4-Di-tert-octylphenol	8
16515	000120-95-6	2,4-Di-tert-pentylphenol	8
16655	000102-07-8	N,N'-Diphenylurea	8
16670	034590-94-8	Dipropyleneglycol monomethyl ether	8
16675	?	3,5-Dipropylphenol	8

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PM/REF	CAS	NAME	SCF
16685	023235-61-2	Ditrimethylolpropane	8
16690	001321-74-0	Divinylbenzene	6A
16697	000693-23-2	Dodecanedioic acid	8
16699	005675-51-4	1,12-Dodecanediol	8
16701	000112-53-8	1-Dodecanol	3
16704	000112-41-4	1-Dodecene	8
16707	025377-73-5	2-(Dodecenyl)succinic anhydride	8
16709	027193-86-8	Dodecylphenol	9
16711	000104-43-8	4-Dodecylphenol	8
16713	-	Drying oils	9
16714	009000-75-3	Elemi	9
16715	013296-76-9	Eleostearic acid	8
16717	025134-21-8	Endomethylenemethyltetrahydrophthalic anhydride	8
16719	003813-52-3	Endomethylenetetrahydrophthalic acid	8
16752	002386-87-0	3,4-Epoxycyclohexanecarboxylic acid, 3,4-epoxycyclohexylmethyl ester	6A
16755	000556-52-5	2,3-Epoxypropanol	6A
16765	000122-60-1	2,3-Epoxypropyl phenyl ether	6A
16770	002210-79-9	2,3-Epoxypropyl o-tolyl ether	6A
16775	000112-86-7	Erucic acid	3
16885	-	Ethers of 1,1,1-trimethylolpropane	9
16900	013036-41-4	N-(Ethoxymethyl)acrylamide	6A
16910	000111-35-3	3-Ethoxy-1-propanol	8
16925	009004-57-3	Ethylcellulose	2
16993	000111-76-2	Ethyleneglycol monobutyl ether	8
16999	000112-25-4	Ethyleneglycol monohexyl ether	8
17002	000109-86-4	Ethyleneglycol monomethyl ether	8

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PM/REF	CAS	NAME	SCF
17030	000094-96-2	2-Ethyl-1,3-hexanediol	8
17040	000149-57-5	2-Ethylhexanoic acid	7
17041	041065-91-2	3-Ethylhexanoic acid	8
17050	000104-76-7	2-Ethyl-1-hexanol	7
17065	002461-15-6	2-Ethylhexyl 2,3-epoxypropyl ether	6A
17080	000103-44-6	2-Ethylhexyl vinyl ether	7
17113	?	3-Ethyl-4-methylpentanoic acid	8
17116	005877-42-9	4-Ethyl-1-octyn-3-ol	8
17120	000090-00-6	2-Ethylphenol	8
17121	000620-17-7	3-Ethylphenol	8
17122	000123-07-9	4-Ethylphenol	8
17128	002612-29-5	2-Ethyl-1,3-propanediol	8
17140	000109-92-2	Ethyl vinyl ether	7
17150	000078-27-3	1-Ethynylcyclohexanol	8
17180	-	Fatty acids, dehydrated	9
17195	068424-45-3	Fatty acids, linseed oil	0
17215	-	Fatty acids, sunflower oil	0
17233	073138-53-1	Fatty acids, tall oil, dimerized	9
17236	061790-37-2	Fatty acids, tallow	0
17239	-	Fatty amines, coco	9
17245	008016-13-5	Fish oil	9
17247	-	Fish oil,fatty acids, and their dimers	9
17275	000064-18-6	Formic acid	1
17305	000141-02-6	Fumaric acid, bis(2-ethylhexyl) ester	8
17320	002807-54-7	Fumaric acid, diallyl ester	6A
17365	002402-58-6	Fumaric acid, didodecyl ester	7

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PM/REF	CAS	NAME	SCF
17385	?	Fumaric acid, diheptyl ester	7
17390	019139-31-2	Fumaric acid, dihexyl ester	7
17394	000624-49-7	Fumaric acid, dimethyl ester	7
17398	007283-68-3	Fumaric acid, dioctadecyl ester	7
17401	002997-85-5	Fumaric acid, dioctyl ester	7
17404	?	Fumaric acid, dipentyl ester	7
17407	014595-35-8	Fumaric acid, dipropyl ester	7
17473	016062-88-7	Fumaric acid, monobutyl ester	7
17476	002459-05-4	Fumaric acid, monoethyl ester	7
17479	?	Fumaric acid, monoheptyl ester	7
17482	045125-88-0	Fumaric acid, monohexyl ester	7
17485	002756-87-8	Fumaric acid, monomethyl ester	7
17488	?	Fumaric acid, monooctyl ester	7
17491	?	Fumaric acid, monopentyl ester	7
17494	?	Fumaric acid, monopropyl ester	7
17505	000098-00-0	Furfurol	8
17510	029204-02-2	Gadoleic acid	0
17520	012002-43-6	Gilsonite	9
18010	000110-94-1	Glutaric acid	0
18040	029733-18-4	Glutaric acid, diisodecyl ester	8
18055	001119-40-0	Glutaric acid, dimethyl ester	8
18070	000108-55-4	Glutaric anhydride	3
18105	-	Glycerol esters of dammar, copal, elemi, and sandarac	9
18115	031566-31-1	Glycerol monostearate	1
18120	000107-22-2	Glyoxal	6A
18124	008016-24-8	Hempseed oil	9

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PM/REF	CAS	NAME	SCF
18126	-	Hempseed oil fatty acids, and their dimers	9
18135	023328-87-2	2-Heptadecylimidazole	8
18140	000629-30-1	1,7-Heptanediol	8
18150	000111-70-6	1-Heptanol	3
18250	000115-28-6	Hexachloroendomethylenetetrahydrophthalic acid	4A
18280	000115-27-5	Hexachloroendomethylenetetrahydrophthalic anhydride	4A
18310	036653-82-4	1-Hexadecanol	3
18320	000629-73-2	1-Hexadecene	8
18325	007320-37-8	1,2-Hexadecylene oxide	6A
18330	000057-09-0	Hexadecyltrimethylammonium bromide	2
18340	000822-28-6	Hexadecyl vinyl ether	7
18430	000116-15-4	Hexafluoropropylene	4A
18433	003971-31-1	Hexahydroisophthalic acid	8
18436	001687-30-5	Hexahydrophthalic acid	8
18438	013149-00-3	cis-1,2-Hexahydrophthalic acid	8
18439	014166-21-3	trans-1,2-Hexahydrophthalic acid	8
18441	000085-42-7	Hexahydrophthalic anhydride	8
18444	001076-97-7	Hexahydroterephthalic acid	8
18446	000094-60-0	Hexahydroterephthalic acid, dimethyl ester	8
18449	003089-11-0	N,N,N',N',N",N"-Hexakis(methoxymethyl)-2,4,6-triamino-1,3,5-triazine	8
18695	006920-22-5	1,2-Hexanediol	8
18770	000142-62-1	n-Hexanoic acid	0
18780	000111-27-3	1-Hexanol	3
18820	000592-41-6	1-Hexene	7
18865	003031-66-1	3-Hexyn-2,5-diol	8
18870	-	N-omega-Hydroxyalkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	9

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PM/REF	CAS	NAME	SCF
18885	001137-42-4	4-Hydroxybenzophenone	2
18890	001965-29-3	N-(2-Hydroxyethyl)diethylenetriamine	8
18895	-	N-Hydroxymethyl-N-alkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	9
18900	000106-14-9	12-Hydroxystearic acid	0
18905	002628-17-3	4-Hydroxystyrene	6A
19030	016669-59-3	N-(Isobutoxymethyl)acrylamide	6A
19045	004548-27-0	N-(Isobutoxymethyl)methacrylamide	6A
19060	000109-53-5	Isobutyl vinyl ether	7
19105	000079-31-2	Isobutyric acid	8
19120	025339-17-7	Isodecanol	8
19125	101051-37-0	Isomethyltetrahydrophthalic acid	9
19130	026896-18-4	Isononanoic acid	8
19135	025103-52-0	Isooctanoic acid	8
19140	026952-21-6	Isooctanol	8
19245	007534-42-1	N-(Isopropoxymethyl)acrylamide	6A
19260	000088-69-7	2-Isopropylphenol	8
19262	000099-89-8	4-Isopropylphenol	8
19265	030399-84-9	Isostearic acid	8
19315	000617-52-7	Itaconic acid, dimethyl ester	8
19330	007748-43-8	Itaconic acid, 2,3-epoxypropyl diester	6A
19360	?	Itaconic acid, 2,3-epoxypropyl monoester	6A
19400	-	Itaconic acid, esters with alcohols, aliphatic, monohydric, unsaturated (C3-C12)	9
19435	-	Itaconic acid, methyl ester	9
19460	000050-21-5	Lactic acid	1
19470	000143-07-7	Lauric acid	0
19480	002146-71-6	Lauric acid, vinyl ester	7

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PM/REF	CAS	NAME	SCF
19490	000947-04-6	Laurolactam	8
19495	022032-47-9	Lauroleic acid	8
19500	000623-99-4	Licanic acid	8
19515	000557-59-5	Lignoceric acid	0
19518	000060-33-3	Linoleic acid	0
19521	006144-28-1	Linoleic acid, dimer	8
19523	?	Linoleic acid, trimer	8
19526	028290-79-1	Linolenic acid	0
19529	?	Linolenic acid, dimer	8
19532	008001-26-1	Linseed oil	9
19533	008001-26-1	Linseed oil (food grade quality)	0
19534	-	Linseed oil fatty acids, and their dimers	9
19570	000999-21-3	Maleic acid, diallyl ester	6A
19670	031983-42-3	Maleic acid, diheptyl ester	7
19680	016064-83-8	Maleic acid, dihexyl ester	7
19790	010099-71-5	Maleic acid, dipentyl ester	7
19795	002432-63-5	Maleic acid, dipropyl ester	7
19800	-	Maleic acid, esters with alcohols, aliphatic, monohydric, unsaturated (C3-C18)	9
19900	002424-58-0	Maleic acid, monoallyl ester	6A
19915	000925-21-3	Maleic acid, monobutyl ester	7
19933	003990-03-2	Maleic acid, monoethyl ester	7
19936	007423-42-9	Maleic acid, mono(2-ethylhexyl) ester	8
19939	015420-83-4	Maleic acid, monoheptyl ester	7
19942	015420-81-2	Maleic acid, monohexyl ester	7
19943	000924-83-4	Maleic acid, monoisopropyl ester	7
19945	003052-50-4	Maleic acid, monomethyl ester	7

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PM/REF	CAS	NAME	SCF
19949	002370-71-0	Maleic acid, monooctyl ester	7
19952	015420-79-8	Maleic acid, monopentyl ester	7
19955	000925-03-1	Maleic acid, monopropyl ester	7
19965	006915-15-7	Malic acid	1
19968	000141-82-2	Malonic acid	3
19972	000087-78-5	Mannitol	1
19977	000060-24-2	2-Mercaptoethanol	8
19990	000079-39-0	Methacrylamide	6A
20005	051410-72-1	Methacrylamidopropyltrimethylammonium chloride	6A
20050	000096-05-9	Methacrylic acid, allyl ester	6A
20060	007659-36-1	Methacrylic acid, 2-aminoethyl ester	8
20068	045294-18-6	Methacrylic acid, arachidyl ester	7
20075	016669-27-5	Methacrylic acid, behenyl ester	7
20095	046729-07-1	Methacrylic acid, 4-tert-butylcyclohexyl ester	8
20200	001888-94-4	Methacrylic acid, 2-chloroethyl ester	8
20260	000101-43-9	Methacrylic acid, cyclohexyl ester	8
20290	016868-14-7	Methacrylic acid, cyclopentyl ester	8
20335	-	Methacrylic acid, N,N-dialkyl(C1-C4)aminoalkyl(C2-C8) ester	9
20380	001189-08-8	Methacrylic acid, diester with 1,3-butanediol	8
20410	002082-81-7	Methacrylic acid, diester with 1,4-butanediol	8
20425	002358-84-1	Methacrylic acid, diester with diethyleneglycol	8
20430	001985-51-9	Methacrylic acid, diester with 2,2-dimethyl-1,3-propanediol	8
20455	006606-59-3	Methacrylic acid, diester with 1,6-hexanediol	8
20470	025852-47-5	Methacrylic acid, diester with polyethyleneglycol	8
20473	-	Methacrylic acid, diester with polypropyleneglycol	9
20474	?	Methacrylic acid, diester with 1,2-propanediol	8

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PM/REF	CAS	NAME	SCF
20480	001188-09-6	Methacrylic acid, diester with 1,3-propanediol	8
20490	000109-17-1	Methacrylic acid, diester with tetraethyleneglycol	8
20500	000105-16-8	Methacrylic acid, 2-(diethylamino)ethyl ester	8
20530	002867-47-2	Methacrylic acid, 2-(dimethylamino)ethyl ester	7
20590	000106-91-2	Methacrylic acid, 2,3-epoxypropyl ester	6A
20605	-	Methacrylic acid, esters with alcohols, aliphatic, monohydric, saturated (C1-C18)	9
20665	-	Methacrylic acid, esters with alcohols, aliphatic, polyhydric	9
20740	039670-09-2	Methacrylic acid, ester with ethoxytriethyleneglycol	8
20785	026915-72-0	Methacrylic acid, ester with methoxypolyethyleneglycol	8
20800	024493-59-2	Methacrylic acid, ester with methoxytriethyleneglycol	8
20860	005039-78-1	Methacrylic acid, ester with trimethylethanolammonium chloride	8
20875	002370-63-0	Methacrylic acid, 2-ethoxyethyl ester	8
20920	000688-84-6	Methacrylic acid, 2-ethylhexyl ester	8
20928	005459-37-0	Methacrylic acid, heptyl ester	7
20935	002495-27-4	Methacrylic acid, hexadecyl ester	7
20940	000142-09-6	Methacrylic acid, hexyl ester	7
20945	004664-49-7	Methacrylic acid, 2-hydroxyisopropyl ester (= methacrylic acid, 2-hydroxy-1-methylethyl ester)	7
20950	000923-26-2	Methacrylic acid, 2-hydroxypropyl ester	7
20965	002761-09-3	Methacrylic acid, 3-hydroxypropyl ester	8
20980	007534-94-3	Methacrylic acid, isobornyl ester	8
21040	029964-84-9	Methacrylic acid, isodecyl ester	8
21070	028675-80-1	Methacrylic acid, isooctyl ester	8
21115	000816-74-0	Methacrylic acid, methallyl ester	6A
21170	000997-46-6	Methacrylic acid, monoester with 1,4-butanediol	8
21180	002351-43-1	Methacrylic acid, monoester with diethyleneglycol	7
21190	000868-77-9	Methacrylic acid, monoester with ethyleneglycol	2

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PM/REF	CAS	NAME	SCF
21205	025736-86-1	Methacrylic acid, monoester with polyethyleneglycol	7
21310	003683-12-3	Methacrylic acid, phenylethyl ester	8
21370	010595-80-9	Methacrylic acid, 2-sulphoethyl ester	8
21400	054276-35-6	Methacrylic acid, sulphopropyl ester	8
21415	002549-53-3	Methacrylic acid, tetradecyl ester	7
21505	-	Methallyl ethers of monohydric alcohols (C1-C18)	9
21510	-	Methallyl ethers of polyhydric alcohols (C2-C12)	9
21520	001561-92-8	Methallylsulphonic acid, sodium salt	6A
21560	-	N-Methoxyalkyl(C1-C6)-N-alkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	9
21568	-	N-Methoxyalkyl(C1-C6)amides of unsaturated aliphatic mono- and polycarboxylic acids (C3-C18)	9
21580	003644-11-9	N-(Methoxymethyl)acrylamide	6A
21610	003644-12-0	N-(Methoxymethyl)methacrylamide	6A
21615	000150-76-5	4-Methoxyphenol	8
21620	000107-98-2	1-Methoxy-2-propanol	8
21630	001187-59-3	N-Methylacrylamide	6A
21635	007413-02-7	2-Methylbicyclo[4.3.0]nona-3,8-diene	8
21640	000078-79-5	2-Methyl-1,3-butadiene	7
21733	000115-19-5	2-Methyl-3-butyn-2-ol	8
21736	002549-61-3	alpha-Methyl-epsilon-caprolactone	8
21739	002549-60-2	beta-Methyl-epsilon-caprolactone	8
21742	002549-58-8	delta-Methyl-epsilon-caprolactone	8
21745	002549-59-9	epsilon-Methyl-epsilon-caprolactone	8
21748	002549-42-0	gamma-Methyl-epsilon-caprolactone	8
21751	026519-91-5	Methylcyclopentadiene	8
21754	015520-10-2	2-Methyl-1,5-diaminopentane	8

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PM/REF	CAS	NAME	SCF
21757	?	Methylendomethylenetetrahydrophthalic acid	8
21790	000110-26-9	Methylenebisacrylamide	6A
21823	000598-09-4	2-Methylepichlorohydrin	4A
21826	?	Methylethoxydimethylaminodichlorosilane	8
21829	000097-30-3	alpha-Methyl-D-glucoside	8
21832	?	3-Methylheptanoic acid	8
21833	003302-03-2	4-Methylheptanoic acid	8
21834	?	5-Methylheptanoic acid	8
21835	000929-10-2	6-Methylheptanoic acid	8
21837	001116-90-1	4-Methyl-1,4-hexadiene	6A
21840	?	Methylhexahydrophthalic acid	9
21845	019438-60-9	4-Methylhexahydrophthalic anhydride	8
21925	000109-02-4	N-Methylmorpholine	5
21940	000924-42-5	N-Methylolacrylamide	4A
21970	000923-02-4	N-Methylolmethacrylamide	6A
22070	000149-31-5	2-Methyl-1,3-pentanediol	8
22080	000108-11-2	4-Methyl-2-pentanol	8
22150	000691-37-2	4-Methyl-1-pentene	3
22190	002163-42-0	2-Methyl-1,3-propanediol	8
22210	000098-83-9	alpha-Methylstyrene	6A
22245	?	Methyltetrahydrophthalic acid	9
22247	026590-20-5	Methyl-1,2,3,6-tetrahydrophthalic anhydride	8
22256	001185-55-3	Methyltrimethoxysilane	8
22270	000107-25-5	Methyl vinyl ether	7
22300	000078-94-4	Methyl vinyl ketone	6A
22330	001822-74-8	Methyl vinyl thioether	6A

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PM/REF	CAS	NAME	SCF
22335	028693-00-7	Monochloroacetic acid, ester with 5-(hydroxymethyl)-bicyclo[2.2.1]hept-2-ene	6A
22340	000074-89-5	Monomethylamine	W
22345	013732-62-2	Morpholine p-toluenesulphonate	5
22350	000544-63-8	Myristic acid	0
22355	000544-64-9	Myristoleic acid	8
22390	000840-65-3	2,6-Naphthalenedicarboxylic acid, dimethyl ester	W
22424	026761-45-5	Neodecanoic acid, 2,3-epoxypropyl ester	6A
22428	051000-52-3	Neodecanoic acid, vinyl ester	7
22435	054423-67-5	Neononanoic acid, vinyl ester	7
22440	093820-32-7	Neoundecanoic acid, vinyl ester	7
22450	009004-70-0	Nitrocellulose	3
22465	000112-05-0	Nonanoic acid	8
22480	000143-08-8	1-Nonanol	3
22535	025154-52-3	Nonylphenol	9
22538	000136-83-4	2-Nonylphenol	8
22555	000112-92-5	1-Octadecanol	3
22580	000930-02-9	Octadecyl vinyl ether	7
22585	003710-30-3	1,7-Octadiene	8
22596	000629-41-4	1,8-Octanediol	8
22600	000111-87-5	1-Octanol	3
22675	000111-86-4	Octylamine	8
22750	000929-62-4	Octyl vinyl ether	7
22755	008016-35-1	Oiticica oil	9
22757	-	Oiticica oil fatty acids, and their dimers	9
22763	000112-80-1	Oleic acid	1
22764	007049-68-5	Oleic acid, dimer	8

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PM/REF	CAS	NAME	SCF
22766	000143-28-2	Oleyl alcohol	3
22769	-	Olive oil fatty acids, and their dimers	9
22770	-	Olive oil fatty acids, and their dimers (food grade quality)	0
22775	000144-62-7	Oxalic acid	2
22780	000057-10-3	Palmitic acid	1
22785	000373-49-9	Palmitoleic acid	0
22790	-	Palm kernel oil fatty acids, and their dimers	9
22791	-	Palm kernel oil fatty acids, and their dimers (food grade quality)	0
22795	-	Palm oil fatty acids, and their dimers	9
22796	-	Palm oil fatty acids, and their dimers (food grade quality)	0
22800	000501-24-6	3-Pentadecylphenol	8
22811	000591-93-5	1,4-Pentadiene	8
22842	002590-16-1	Pentaerythritol diallyl ether	6A
22844	?	Pentaerythritol monoallyl ether	6A
22846	001471-17-6	Pentaerythritol triallyl ether	6A
22848	004067-16-7	Pentaethylenehexamine	8
22853	003030-47-5	N,N,N',N',N"-Pentamethyldiethylenetriamine	8
22855	017704-22-2	2,4,6,8,10-Pentamethyl-2,4,6,8,10-pentavinylcyclopentasiloxane	6A
22858	005343-92-0	1,2-Pentanediol	8
22861	000111-29-5	1,5-Pentanediol	8
22864	000625-69-4	2,4-Pentanediol	8
22867	000109-52-4	Pentanoic acid	0
22870	000071-41-0	1-Pentanol	3
22901	000109-68-2	2-Pentene	8
22908	000646-04-8	trans-2-Pentene	8
22912	000627-19-0	1-Pentyne	8

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PM/REF	CAS	NAME	SCF
22932	001187-93-5	Perfluoromethyl perfluorovinyl ether	6A
22935	003823-94-7	Perfluoromethyl vinyl ether	7
22937	001623-05-8	Perfluoropropyl perfluorovinyl ether	6A
22940	006996-01-6	Perfluoropropyl vinyl ether	7
22945	068132-21-8	Perilla oil	9
22950	-	Perilla oil fatty acids, and their dimers	9
23005	-	Phenyl-o-cresol	9
23050	000108-45-2	1,3-Phenylenediamine	4A
23125	000103-71-9	Phenyl isocyanate	4A
23140	000092-69-3	4-Phenylphenol	8
23173	001314-56-3	Phosphoric anhydride	1
23178	000101-02-0	Phosphorous acid, triphenyl ester	8
23200	000088-99-3	o-Phthalic acid	2
23215	-	Phthalic acids, chlorinated	9
23230	000131-17-9	Phthalic acid, diallyl ester	4A
23380	000085-44-9	Phthalic anhydride	2
23505	000110-85-0	Piperazine	8
23510	001574-41-0	cis-Piperylene	8
23515	009003-17-2	Polybutadiene	9
23518	-	Polybutadiene, epoxidized	9
23523	025038-44-2	Poly(1-butenylene)	8
23533	027417-83-0	Poly(1,4-butyleneglycol) bis(4-aminobutyl) ether	8
23540	?	Polycyclopentene	9
23543	-	Polycyclopentene, epoxidized	9
23594	009004-74-4	Polyethyleneglycol monomethyl ether	8
23597	009016-45-9	Polyethyleneglycol nonylphenyl ether	7

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PM/REF	CAS	NAME	SCF
23600	068131-73-7	Polyethylenepolyamines	9
23605	065605-36-9	Poly(ethylene propylene)glycol bis(2-aminopropyl) ether	8
23610	025618-55-7	Polyglycerol	9
23635	068442-33-1	Polypropylene, chlorinated	9
23660	039423-51-3	Polypropyleneglycol 2-aminopropyl ether, ether with 1,1,1-trimethylolpropane	8
23670	009046-10-0	Polypropyleneglycol bis(2-aminopropyl) ether	8
23720	009003-33-2	Polyvinylformal	9
23730	008002-11-7	Poppyseed oil	9
23731	008002-11-7	Poppyseed oil (food grade quality)	0
23733	-	Poppyseed oil fatty acids, and their dimers	9
23734	-	Poppyseed oil fatty acids, and their dimers (food grade quality)	0
23920	000105-38-4	Propionic acid, vinyl ester	7
23960	038779-95-2	N-(Propoxymethyl)acrylamide	6A
23970	?	N-Propylacrylamide	6A
23995	000108-32-7	Propylene carbonate	8
24015	050995-95-4	2-Propylimidazole	8
24020	000644-35-9	2-Propylphenol	8
24021	000621-27-2	3-Propylphenol	8
24022	000645-56-7	4-Propylphenol	8
24035	001067-25-0	Propyltrimethoxysilane	8
24040	000764-47-6	Propyl vinyl ether	7
24045	008016-49-7	Pumpkinseed oil	9
24046	008016-49-7	Pumpkinseed oil (food grade quality)	0
24047	-	Pumpkinseed oil fatty acids, and their dimers	9
24048	-	Pumpkinseed oil fatty acids, and their dimers (food grade quality)	0
24055	000089-05-4	Pyromellitic acid	8

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PM/REF	CAS	NAME	SCF
24060	-	Quaternary ammonium salts of N,N-dialkyl(C1-C4)aminoalkyl(C2-C8)acrylate or methacrylate with acetic acid, benzenesulphonic acid, hydrobromic acid, chlorosulphonic acid, and hydrochloric acid	9
24065	-	Rapeseed oil fatty acids, and their dimers	9
24066	-	Rapeseed oil fatty acids, and their dimers (food grade quality)	0
24075	000141-22-0	Ricinoleic acid	2
24078	-	Ricinoleic acid, dehydrated	9
24080		Ricinoleic acid, dehydrated, dimer	8
24085	-	Ricinoleic acid, hydrogenated	9
24140	-	Rosin, hydrogenated, esters with alcohols, polyhydric (C3-C6)	9
24150	065997-05-9	Rosin, polymerized	9
24250	009006-04-6	Rubber, natural	3
24260	008001-23-8	Safflower oil	9
24261	008001-23-8	Safflower oil (food grade quality)	0
24262	-	Safflower oil fatty acids, and their dimers	9
24263	-	Safflower oil fatty acids, and their dimers (food grade quality)	0
24270	000069-72-7	Salicylic acid	3
24275	009000-57-1	Sandarac	9
24340	002432-89-5	Sebacic acid, didecyl ester	6B
24370	000106-79-6	Sebacic acid, dimethyl ester	6B
24400	002918-18-5	Sebacic acid, diphenyl ester	6B
24430	002561-88-8	Sebacic anhydride	2
24435	008008-74-0	Sesame oil	9
24436	008008-74-0	Sesame oil (food grade quality)	0
24437	-	Sesame oil fatty acids, and their dimers	9
24438	-	Sesame oil fatty acids, and their dimers (food grade quality)	0
24440	009000-59-3	Shellac	1

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PM/REF	CAS	NAME	SCF
24445	-	Silanols containing at least one hydroxyl group and one or more methyl groups on each silicon atom	9
24475	001313-82-2	Sodium sulphide	3
24525	-	Soybean oil fatty acids, dimers	9
24526	-	Soybean oil fatty acids, dimers (food grade quality)	0
24550	000057-11-4	Stearic acid	1
24560	000111-63-7	Stearic acid, vinyl ester	7
24760	026914-43-2	Styrenesulphonic acid	6A
24820	000110-15-6	Succinic acid	1
24835	000106-65-0	Succinic acid, dimethyl ester	7
24850	000108-30-5	Succinic anhydride	2
24885	005329-14-6	Sulphamic acid	8
24887	006362-79-4	5-Sulphoisophthalic acid, monosodium salt	3
24890	-	Sulphosuccinic acid, monoallyl ester, salts	6A
24895	008001-21-6	Sunflower oil	9
24896	008001-21-6	Sunflower oil (food grade quality)	0
24900	-	Sunflower oil fatty acids, and their dimers	9
24901	-	Sunflower oil fatty acids, and their dimers (food grade quality)	0
24940	000100-20-9	Terephthalic acid dichloride	7
25030	016646-44-9	Tetra(allyloxy)ethane	6A
25035	013810-83-8	Tetrabromophthalic acid	5
25040	005411-70-1	Tetrabromoterephthalic acid	5
25067	021964-49-8	1,13-Tetradecadiene	6A
25070	000112-72-1	1-Tetradecanol	3
25105	000112-57-2	Tetraethylenepentamine	8
25135	068889-71-4	Tetrahydrodicyclopentadienedimethanamine	8
25155	029965-78-4	Tetrahydrophthalic acid	9

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PM/REF	CAS	NAME	SCF
25158	000088-98-2	1,2,3,6-Tetrahydrophthalic acid	8
25161	000085-43-8	1,2,3,6-Tetrahydrophthalic anhydride	8
25163	002426-02-0	3,4,5,6-Tetrahydrophthalic anhydride	8
25170	006147-62-2	1,1,5,5-Tetrakis[4-(2,3-epoxypropoxy)phenyl]pentane	6A
25173	007727-33-5	1,1,2,2-Tetrakis(4-hydroxyphenyl)ethane	8
25176	048229-25-0	1,1,5,5-Tetrakis(4-hydroxyphenyl)pentane	8
25191	000126-86-3	2,4,7,9-Tetramethyl-5-decyne-4,7-diol	8
25193	000110-95-2	N,N,N',N'-Tetramethyl-1,3-diaminopropane	8
25195	001118-15-6	1,1,3,3-Tetramethyl-1,3-disiloxanediol	8
25196	000077-63-4	2,4,6,8-Tetramethyl-2,4,6,8-tetraphenylcyclotetrasiloxane	8
25201	000111-48-8	Thiodiethyleneglycol	8
25203	000096-27-5	1-Thioglycerol	8
25208	026471-62-5	Toluene diisocyanate	4A
25355	-	Trialkyl(C4-C11)acetic acid	9
25359	-	Trialkyl(C4-C11)acetic acid, 2,3-epoxypropyl ester	9
25380	-	Trialkyl(C5-C15)acetic acid, vinyl ester (= vinyl versatate)	7
25382	-	Trialkyl(C5-C20)acetic acid, vinyl ester	7
25390	000101-37-1	Triallyl cyanurate	6A
25405	001025-15-6	Triallyl isocyanurate	6A
25435	-	Trichlorobutadiene	6A
25445	000075-94-5	(Trichloro)vinylsilane	6A
25465	?	Tricyclodecanemonomethanol	9
25480	000102-71-6	Triethanolamine	7
25515	000112-50-5	Triethyleneglycol monoethyl ether	8
25520	000112-24-3	Triethylenetetramine	8
25530	?	Triglycerol	8

ANNEX III

LIST OF SUBSTANCES EVALUATED IN THIS REPORT AND THEIR CLASSIFICATION.

PM/REF	CAS	NAME	SCF
25540	000528-44-9	Trimellitic acid	8
25550	000552-30-7	Trimellitic anhydride	8
25554	016715-84-7	Trimethallyl cyanurate	6A
25556	006291-95-8	Trimethallyl isocyanurate	6A
25560	068092-72-8	Trimethoxy-N-(vinylbenzylaminoethyl)-3-aminopropylsilane	6A
25563	003586-39-8	2,2,4-Trimethyladipic acid	8
25564	003937-59-5	2,4,4-Trimethyladipic acid	8
25565	-	2,2,4-Trimethyladipic acid, methyl esters	9
25566	-	2,4,4-Trimethyladipic acid, methyl esters	9
25580	003302-10-1	3,5,5-Trimethylhexanoic acid	8
25595	000077-85-0	Trimethylolethane	9
25645	000682-09-7	1,1,1-Trimethylolpropane diallyl ether	6A
25735	000682-11-1	1,1,1-Trimethylolpropane monoallyl ether	6A
25825	000682-08-6	1,1,1-Trimethylolpropane triallyl ether	6A
25855	000144-19-4	2,2,4-Trimethyl-1,3-pentanediol	8
25885	000546-45-2	2,4,6-Trimethyl-2,4,6-triphenylcyclotrisiloxane	8
25905	000078-24-0	Tripentaerythritol	8
25910	024800-44-0	Tripropyleneglycol	2
25915	000090-72-2	2,4,6-Tris[(dimethylamino)methyl]phenol	8
25920	002451-62-9	1,3,5-Tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	6A
25925	000839-90-7	1,3,5-Tris(2-hydroxyethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	8
25930	001067-53-4	Tris(2-methoxyethoxy)vinylsilane	6A
25933	096195-81-2	Tris(1-methoxyisopropoxy)vinylsilane	6A
25950	001852-04-6	Undecanedioic acid	8
25965	-	Utah coal resin	9
25970	-	Vegetable oil acids	9

ANNEX III

LIST OF SUBSTANCES EVALUATED IN THIS REPORT AND THEIR CLASSIFICATION.

PM/REF	CAS	NAME	SCF
25975	-	Vegetable oil acids, dimerized	9
25990	000689-97-4	Vinylacetylene	6A
26000	003048-64-4	5-Vinylbicyclo[2.2.1]hept-2-ene	6A
26010	000593-60-2	Vinyl bromide	4A
26020	001484-13-5	N-Vinylcarbazole	6A
26095	000075-02-5	Vinyl fluoride	6A
26140	000075-38-7	Vinylidene fluoride	6A
26170	003195-78-6	N-Vinyl-N-methylacetamide	6A
26200	002867-48-3	N-Vinyl-N-methylformamide	6A
26215	000100-69-6	2-Vinylpyridine	6A
26217	000100-43-6	4-Vinylpyridine	6A
26230	000088-12-0	Vinylpyrrolidone	6A
26245	-	Vinylsilane	6A
26260	001184-84-5	Vinylsulphonic acid	6A
26292	000622-97-9	p-Vinyltoluene	6A
26305	000078-08-0	Vinyltriethoxysilane	6A
26320	002768-02-7	Vinyltrimethoxysilane	6A
26340	008024-09-7	Walnut oil	9
26341	008024-09-7	Walnut oil (food grade quality)	0
26345	-	Walnut oil fatty acids, and their dimers	9
26346	-	Walnut oil fatty acids, and their dimers (food grade quality)	0
26400	072960-48-6	o-Xylylbiguanide	8

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The Scientific Committee for Food was established by Commission Decision 74/234/EEC of 16 April 1974 (OJ L 136, 20.5.1974, page 1) to advise the Commission on any problem relating to the protection of the health and safety of persons arising from the consumption of food, and in particular the composition of food, processes which are liable to modify food, the use of food additives and other processing aids as well as the presence of contaminants.

The members are independent persons, highly qualified in the fields associated with medicine, nutrition, toxicology, biology, chemistry, or other similar disciplines.

The Secretariat of the Committee is provided by the Directorate-General for Industry of the Commission. Recent Council directives require the Commission to consult the Committee on provisions which may have an effect on public health falling within the scope of these directives.

The present report deals with the third addendum to the first report of the Scientific Committee for Food on certain monomers and other starting substances to be used in the manufacturing of plastic materials intended to come into contact with foodstuffs (opinion expressed on 19 June 1991).