

**NOTIFICATION OF NEW CHEMICAL  
SUBSTANCES IN ACCORDANCE  
WITH DIRECTIVE 67/548/EEC ON  
THE CLASSIFICATION, PACKAGING  
AND LABELLING OF DANGEROUS  
SUBSTANCES**

**NO-LONGER POLYMER LIST**

Updated Version of February 2007

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<http://www.adobe.com/prodindex/acrobat/readstep.html#reader>

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The web version includes a corrigendum (3 March 1999) to the published paper version as agreed by the Competent Authorities of the EU Member States for the implementation of Directive 67/548/EEC (57th Competent Authority Meeting, 17 May 1999, Berlin). The corrigendum concerns the entries with NLP No. 500-139-1 (deleted), 500-313-7, 500-761-3 (both corrected) and 500-762-9 (deleted). Furthermore, four entries were added on request of the UK Competent Authority, 500-770-2, 500-771-8, 500-772-3 and 500-773-9.



# No-Longer Polymers List

## Explanations

### *1) GENERAL*

Within the scheme of the notification of new substances (Directive 67/548/EEC) polymers are subject to special rules. The term polymer was further defined in the 7th amendment (92/32/EEC) of the Directive. This change means that some substances which were considered to be polymers under the reporting rules when the European Inventory of Existing Commercial Chemical Substances (EINECS) was being established are no longer considered to be polymers under the 7th amendment.

Polymers were not reportable for EINECS. As all substances which are not present in the EINECS inventory are notifiable, all “no-longer polymers” should in theory be notified.

However, at the time when the 7th amendment was adopted, the Council of Ministers made it clear that these no-longer polymers should not, retrospectively, become subject to notification. To facilitate the work of national Competent Authorities and the industry the Commission was requested to draw up a list of no-longer polymers.

Substances to be included in this list have been on the EU market between September 18, 1981, and October 31, 1993 and satisfy the requirement that they were considered to be polymers under the reporting rules for EINECS but are no longer considered to be polymers under the 7th amendment. Therefore to create the no-longer polymer list industry was asked to submit their candidates. The attached list is based on these submissions.

The list is not an exhaustive list. The Competent Authorities are the responsible bodies, who shall decide whether a substance is a no-longer polymer or not but as a basis, they have decided that all the substances included in the attached list are to be regarded as no-longer polymers. However, other substances may be regarded too as no-longer polymers if they satisfy the above conditions. The decisions shall be taken by the Competent Authority concerned on a case by case basis.

Any substance on this list or which is decided by a Competent Authority to meet the criteria is exempt from notification.

## **2) DEFINITIONS**

As polymers were not reportable and therefore not included in EINECS, in many cases it had to be decided whether a substance is a polymer or not by a desk examination of the submitted documents.

A widely used definition of polymers refers to the need for both a high molecular weight (more than 10.000) and a molecular weight distribution. In contrast, for decisions on the inclusion or otherwise in EINECS, the molecular weight of a substance was not taken into account.

Following the definition of the 7th Amendment a polymer is beside the molecular weight distribution also characterised “by the sequence of one or more types of monomer units and comprising a simple weight majority of molecules containing at least three monomer units which are covalently bound to at least one other monomer unit or other reactant and consists of less than a simple weight majority of molecules of the same molecular weight” (Directive 92/32/EEC, Art. 2, 1 c)).

The information available in the primary processing of substances reported for EINECS was not always sufficient to distinguish a polymer from a non polymer. In particular only the name and the CA registry number was known for substances reported on the A or B forms used for reporting. The first decision on whether a compound was a polymer or not had therefore to rely on the name and on the classification of the compounds in the Chemical Abstract Registry System. Whenever a substance based on the information available was suspected of being a polymer, a problem letter was issued, and the submitter was asked to supply more detailed information on the size and distribution of the molecular weight.

Therefore decisions taken for the inclusion of submitted substances in EINECS did not follow general rules without any exception. In some cases decisions were only based on the name of the submitted substance.

The no-longer polymer list contains only substances not included in EINECS. For legal reasons the definitions depend on the EINECS definitions and hence decisions on the notification status of e.g. a post-reacted NLP can be inferred by considering for this purpose an equivalence with EINECS rules. Further requests on declaration of substances as no-longer polymers have to be based on the rejection of a submission to EINECS (ref.: correspondence).

NLP-Nos and name descriptions take precedence. The CAS-RN given are to be treated as indicative and for a use as a searching tool.

## **3) THE NLP LIST CONSISTS MAINLY OF THE FOLLOWING GROUPS:**

- 3.1) *alkoxylated substances*
- 3.2) *oligomeric reaction products*
- 3.3) *oligomers from one monomer only*
- 3.4) *dimers and trimers*
- 3.5) *polymer-like substances containing 50% or more by weight of species with the same molecular weight*



### 3.1) ALKOXYLATED SUBSTANCES

Alkoxyated substances which represent no-longer polymers are named ethoxylated, propoxylated and butoxylated substances and are listed with the specification of the range of the average alkoxylation representing the no-longer polymers.

The range of the average alkoxylation has been identified assuming a symmetric disposition of the monomer units with equal length of the propagating chains.

### 3.2) OLIGOMERIC REACTION PRODUCTS

The oligomeric reaction products are described by their starting materials. However, to be in accordance with the nomenclature used for EINECS [i.e. IUPAC nomenclature for well defined substances, CAS nomenclature for UVCB's (substances of unknown or variable composition, complex reaction products or biological material)], the components of the oligomeric reaction products are named using IUPAC nomenclature for well defined substances and CAS-style nomenclature for UVCB's, e.g.:

*4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with cyclohex-1,2-ylenediamine*

In the no-longer polymers which contain a structural unit which has polymer-like characteristics, the latter unit is identified by using the prefix "poly" in the name or using names represented by the structural repeating units, e.g.:

*Polymethylenepolyphenylene polyisocyanate, oligomeric reaction products with 2,2-bis(bromomethyl)propane-1,3-diol, polyethoxylated and polypropoxylated glycerol grafted with acrylonitrile and styrene, toluene diisocyanate and .alpha.,.alpha',.alpha.'-1,2,3-propanetriyltris[.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]*

### 3.3) OLIGOMERS FROM ONE MONOMER ONLY

Homopolymers submitted which represent no-longer polymers are named as oligomers e.g.:

- *Styrene, oligomers*
- *4,4'-Methylenediphenyl diisocyanate, oligomers*

### 3.4) DIMERS AND TRIMERS

Substances representing dimers and trimers, as well as their reaction products, are considered No-Longer Polymers. They are listed as e.g.:

*Fatty acids, C<sub>18</sub>-unsatd., dimers*  
*Fatty acids, C<sub>18</sub>-unsatd., dimers, reaction products with...*

### 3.5) **POLYMER-LIKE SUBSTANCES CONTAINING 50% OR MORE BY WEIGHT OF SPECIES WITH THE SAME MOLECULAR WEIGHT**

These substances have the appearance of polymers because they contain 50% or more by weight of species with the same molecular weight. By definition they are no-longer polymers and labelled with \* in the list.

The use of the prefix “poly” in the chemical description of the substance does not mean that it is a polymer in the sense of the 7th Amendment. Only the definition given above is of importance.

There exist different types of them, exemplified as follows:

- a) \* *Poly(oxy-1,2-ethanediyl), .alpha.-butyl-.omega.-hydroxy*  
\* *Poly(1,1,2,2-tetrafluoro-1,2-ethanediyl),.alpha.-fluoro-.omega.-2-[3-((carboxylatomethyl) dimethylammonio)propylaminosulfonyl]ethyl*
- b) \* *Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene)*  
\* *Propene, homopolymer, reaction products with maleic anhydride, monomethyl ester, lanthanum salts*
- c) \* *Formaldehyde, polymer with aniline, reaction products with maleic anhydride*  
\* *Adipic acid, polymer with hexane-1,6-diol and propylidynetrimethanol*

### 4) **SPECIAL NOMENCLATURE RULES**

The explanations given in the following may differ from other recognized nomenclature rules.

- For substances listed in the no-longer polymer list with an “alkyl range”, the chains are assumed to be “straight-chain and saturated” unless qualified with terms such as “branched”, “iso”, “unsaturated”, or “branched and linear “, e.g.:

*Alcohols C12-15, ethoxylated*

*Alcohols, C12-15-branched, ethoxylated*

*Alcohols, C12-15-branched and linear, ethoxylated*

- Compounds with an alkyl range in the name represent substances which are substituted by an alkyl group with a chain length with each alkyl present in the range. The alcohols listed above have a chain length of C<sub>12</sub>, C<sub>13</sub>, C<sub>14</sub>, and C<sub>15</sub>.

Each alkyl derivative is present and the degree to which each derivative is present in the substance is unknown.

Therefore broader alkyl ranges do not cover narrower ones or individual ones.

- Fatty acids listed as components in the no-longer polymer list are specified by the source, or the specific alkyl or alkyl range, e.g.:

*Fatty acids, tall-oil, oligomeric reaction products with...*

*Fatty acids, C<sub>16-18</sub> and C<sub>18</sub>-unsatd., oligomeric reaction products with...*

Fatty acids listed as components in the no-longer polymer list with an alkyl range and without any other specification represent *straight chain saturated fatty acids*

- **80% RULE:**

Mixture of oligomers or isomer mixtures are generally listed in the no-longer polymer list with the name of the main component only when present in the mixture with 80% or more. Thus dimer acid reported as fatty acids, C<sub>18</sub>-unstd. with 80% dimers, 15% trimers and 5% higher oligomers is listed in the no-longer polymer list as:

*Fatty acids, C<sub>18</sub>-unsatd., dimers, etc.*

The names listed in the no-longer polymer list result from the information given on the reporting forms. No interpretation of the forms has been made.

For disagreements with reported data, problem letters were issued in order to ensure the correct names of the reported substances.



# **NO-LONGER POLYMER LIST**

(CAS Registry Numbers order)

NLP No. **500-001-0**  
CAS RN **7756-94-7**  
2-Methylpropene, trimers

NLP No. **500-002-6**  
CAS RN **9002-92-0**  
Dodecan-1-ol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-003-1**  
CAS RN **9003-13-8**  
\* Poly[oxy(methyl-1,2-ethanediyl)],.alpha.-butyl-.omega.-hydroxy

NLP No. **500-004-7**  
CAS RN **9003-29-6**  
\*Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene)

NLP No. **500-005-2**  
CAS RN **9003-35-4**  
Formaldehyde, oligomeric reaction products with phenol

NLP No. **500-006-8**  
CAS RN **9003-36-5**  
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

NLP No. **500-007-3**  
CAS RN **9003-50-3**  
Heptanal, oligomeric reaction products with aniline

NLP No. **500-008-9**  
CAS RN **9003-53-6**  
Styrene, oligomers

NLP No. **500-009-4**  
CAS RN **9003-79-6**  
Acetone, oligomeric reaction products with diphenylamine

NLP No. **500-011-5**  
CAS RN **9003-80-9**  
Formaldehyde, oligomeric reaction products with acetone and diphenylamine

NLP No. **500-012-0**  
CAS RN **9004-77-7**  
\* Poly(oxy-1,2-ethanediyl), .alpha.-butyl-.omega.-hydroxy

NLP No. **500-013-6**  
CAS RN **9004-78-8**  
Phenol, ethoxylated  
(*>1 <2.5 mol EO*)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-014-1**  
CAS RN **9004-95-9**  
Hexadecan-1-ol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-015-7**  
CAS RN **9004-96-0**  
Oleic acid, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-016-2**  
CAS RN **9004-98-2**  
(Z)-9-Octadecen-1-ol ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-017-8**  
CAS RN **9005-00-9**  
Octadecan-1-ol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-018-3**  
CAS RN **9005-64-5**  
Sorbitan monolaurate, ethoxylated  
(*>1 <6.5 mol EO*)

NLP No. **500-019-9**  
CAS RN **9005-65-6**  
Sorbitan monooleate, ethoxylated  
(*>1 <6.5 mol EO*)

NLP No. **500-020-4**  
CAS RN **9005-67-8**  
Sorbitan monostearate, ethoxylated  
(*>1 <6.5 mol EO*)

NLP No. **500-022-5**  
CAS RN **9014-85-1**  
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated  
(*>1 <4.5 mol EO*)

NLP No. **500-023-0**  
CAS RN **9014-92-0**  
Dodecylphenol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-024-6**  
CAS RN **9016-45-9**  
Nonylphenol, ethoxylated

NLP No. **500-025-1**

CAS RN **9021-92-5**

Butene, dimers

NLP No. **500-026-7**

CAS RN **9035-85-2**

Hexadecan-1-ol, propoxylated

(>1 <2.5 mol EO)

NLP No. **500-027-2**

CAS RN **9043-30-5**

Isotridecanol, ethoxylated

(>1 <2.5 mol EO)

NLP No. **500-028-8**

CAS RN **9048-57-1**

4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl)

NLP No. **500-029-3**

CAS RN **9049-71-2**

Sucrose, propoxylated

(>1 <16.5 mol PO)

NLP No. **500-030-9**

CAS RN **9051-49-4**

Pentaerythritol, propoxylated

(>1 <8.5 mol PO)

NLP No. **500-031-4**

CAS RN **9051-51-8**

2,2'-Oxydiethanol, propoxylated

(>1 <4.5 mol PO)

NLP No. **500-033-5**

CAS RN **25068-38-6**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-034-0**

CAS RN **25155-81-1**

Formaldehyde, oligomeric reaction products with toluene

NLP No. **500-035-6**

CAS RN **25214-63-5**

Ethylenediamine, propoxylated

(>1 <8.5 mol PO)

NLP No. **500-036-1**

CAS RN **25214-70-4**

Formaldehyde, oligomeric reaction products with aniline



NLP No. **500-037-7**  
CAS RN **25265-17-2**  
Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and phenol

NLP No. **500-038-2**  
CAS RN **25322-68-3**  
\* Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy  
Ethane-1,2-diol, ethoxylated  
(*>1 <4.5 mol EO*)

NLP No. **500-039-8**  
CAS RN **25322-69-4**  
Propane-1,2-diol, propoxylated  
(*>1 <4.5 mol PO*)

NLP No. **500-040-3**  
CAS RN **25686-28-6**  
4,4'-Methylenediphenyl diisocyanate, oligomers

NLP No. **500-041-9**  
CAS RN **25723-16-4**  
Propylidynetrimethanol, propoxylated  
(*>1 <6.5 mol PO*)

NLP No. **500-042-4**  
CAS RN **25736-86-1**  
2-Hydroxyethyl methacrylate, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-044-5**  
CAS RN **25791-96-2**  
Glycerol, propoxylated  
(*>1 <6.5 mol PO*)

NLP No. **500-045-0**  
CAS RN **26027-38-3**  
4-Nonylphenol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-046-6**  
CAS RN **26183-52-8**  
Decan-1-ol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-047-1**  
CAS RN **26316-40-5**  
Ethylenediamine, ethoxylated and propoxylated  
(*>1 <8.5 mol EO and >1 <8.5 mol PO*)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-048-7**  
CAS RN **26635-93-8**  
(Z)-Octadec-9-enylamine, ethoxylated  
(>1 <4.5 mol EO)

NLP No. **500-049-2**  
CAS RN **26636-39-5**  
Eicosan-1-ol, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-050-8**  
CAS RN **26760-54-3**  
\* Adipic acid, polymer with glycerol and 2,2'-oxydiethanol

NLP No. **500-051-3**  
CAS RN **26780-96-1**  
1,2-Dihydro-2,2,4-trimethylquinoline, oligomers

NLP No. **500-052-9**  
CAS RN **26811-08-5**  
Formaldehyde, oligomeric reaction products with 5,5-dimethyl-2,4-imidazolidinedione

NLP No. **500-053-4**  
CAS RN **26838-74-4**  
Aniline, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-055-5**  
CAS RN **26950-63-0**  
Triethylenetetramine, propoxylated  
(>1 <12.5 mol PO)

NLP No. **500-056-0**  
CAS RN **26982-54-7**  
m-Hydroxyphenol, oligomers

NLP No. **500-057-6**  
CAS RN **27104-30-9**  
Tetrakis(hydroxymethyl)phosphonium chloride, oligomeric reaction products with urea

NLP No. **500-058-1**  
CAS RN **27252-75-1**  
Octan-1-ol, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-059-7**  
CAS RN **27306-79-2**  
Tetradecan- 1-ol, ethoxylated  
(>1 <2.5 mol EO)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-060-2**  
CAS RN **28182-81-2**  
Hexamethylene diisocyanate, oligomers

NLP No. **500-061-8**  
CAS RN **28212-40-0**  
Phenol, propoxylated  
(*>1 <2.5 mol PO*)

NLP No. **500-062-3**  
CAS RN **28390-91-2**  
4,4'-Methylenedianiline, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-063-9**  
CAS RN **28630-21-9**  
\* Maleic anhydride, polymer with 4,4'-methylenedianiline

NLP No. **500-064-4**  
CAS RN **28630-26-4**  
\* Formaldehyde, polymer with aniline, reaction products with maleic anhydride

NLP No. **500-066-5**  
CAS RN **28961-43-5**  
Propylidynetrimethanol, ethoxylated, esters with acrylic acid  
(*>1 <6.5 mol EO*)

NLP No. **500-067-0**  
CAS RN **29011-18-5**  
Hexan-1-ol, propoxylated  
(*>1 <2.5 mol PO*)

NLP No. **500-068-6**  
CAS RN **29565-96-6**  
Formaldehyde, oligomeric reaction products with pin-2-ene

NLP No. **500-069-1**  
CAS RN **30374-35-7**  
Pentaerythritol, ethoxylated and propoxylated  
(*>1 <8.5 mol EO and >1 <8.5 mol PO*)

NLP No. **500-070-7**  
CAS RN **30583-72-3**  
4,4'-Isopropylidenedicyclohexanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-071-2**  
CAS RN **30599-15-6**  
Pentaerythritol, ethoxylated  
(*>1 <8.5 mol EO*)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-072-8**

CAS RN **31326-29-1**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with diethylenetriamine

NLP No. **500-073-3**

CAS RN **31452-80-9**

2,2-Bis(bromomethyl)propane-1,3-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-074-9**

CAS RN **31605-35-3**

Formaldehyde, oligomeric reaction products with 4-nonylphenol

NLP No. **500-075-4**

CAS RN **31694-55-0**

Glycerol, ethoxylated  
( $>1 <6.5 \text{ mol EO}$ )

NLP No. **500-077-5**

CAS RN **31726-34-8**

Hexan-1-ol, ethoxylated  
( $>1 <2.5 \text{ mol EO}$ )

NLP No. **500-078-0**

CAS RN **31923-84-9**

Ethane- 1,2-diol, propoxylated  
( $>1 <4.5 \text{ mol PO}$ )

NLP No. **500-079-6**

CAS RN **32055-14-4**

Formaldehyde, oligomeric reaction products with aniline and phosgene

NLP No. **500-080-1**

CAS RN **32128-65-7**

2-Octyldodecan-1-ol, ethoxylated  
( $>1 <2.5 \text{ mol EO}$ )

NLP No. **500-081-7**

CAS RN **32199-93-2**

2-Methylbut-3-yn-2-ol, ethoxylated  
( $>1 <2.5 \text{ mol EO}$ )

NLP No. **500-082-2**

CAS RN **32492-61-8**

4,4'-Isopropylidenediphenol, ethoxylated  
( $>1 <4.5 \text{ mol EO}$ )

NLP No. **500-083-8**

CAS RN **32610-77-8**

Formaldehyde, oligomeric reaction products with phenol and triethylenetetramine

NLP No. **500-084-3**  
CAS RN **34398-01-1**  
Undecan-1-ol, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-085-9**  
CAS RN **35176-06-8**  
2,2'-Iminodiethanol, propoxylated  
(>1 <6.5 mol PO)

NLP No. **500-086-4**  
CAS RN **35238-34-7**  
\* 2-Acetone, polymer with phenol

NLP No. **500-088-5**  
CAS RN **36348-64-8**  
Hexadecan-1-ol, ethoxylated, sulfates, sodium salts  
(>1 <2.5 mol EO)

NLP No. **500-089-0**  
CAS RN **36425-15-7**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with methacrylic acid

NLP No. **500-090-6**  
CAS RN **36425-16-8**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with maleic anhydride and methacrylic acid

NLP No. **500-091-1**  
CAS RN **36621-20-2**  
1,2,3,6-Tetrahydrophthalic anhydride, oligomeric reaction products with 2,2-dimethylpropane-1,3-diol

NLP No. **500-092-7**  
CAS RN **36890-68-3**  
.epsilon.-Caprolactone, oligomeric reaction products with 2,2'-oxydiethanol

NLP No. **500-093-2**  
CAS RN **37200-29-6**  
Orthophosphoric acid, propoxylated  
(>1 <6.5 mol PO)

NLP No. **500-094-8**  
CAS RN **37208-53-0**  
2,2',2''-Nitrilotriethanol, propoxylated  
(>1 <6.5 mol PO)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-095-3**  
CAS RN **37280-83-4**  
2,2',2''-Nitrilotriethanol, ethoxylated and propoxylated  
(*>1 <6.5 mol EO and >1 <6.5 mol PO*)

NLP No. **500-096-9**  
CAS RN **37309-38-9**  
Toluene diisocyanate, oligomeric reaction products with [(methylethylene)bis(oxy)]dipropanol

NLP No. **500-097-4**  
CAS RN **37353-75-6**  
4,4'-Isopropylidenediphenol, propoxylated  
(*>1 <4.5 mol PO*)

NLP No. **500-099-5**  
CAS RN **37625-56-2**  
.epsilon.-Caprolactone, oligomeric reaction products with propylidynetrimehanol

NLP No. **500-100-9**  
CAS RN **37625-93-7**  
\* 4,4'-Isopropylidenediphenol, polymer with 1-chloro-2,3-epoxypropane and acrylic acid

NLP No. **500-101-4**  
CAS RN **38294-64-3**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine

NLP No. **500-103-5**  
CAS RN **38294-67-6**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4,4'-methylenebis(cyclohexylamine)

NLP No. **500-104-0**  
CAS RN **38294-69-8**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with triethylenetetramine

NLP No. **500-105-6**  
CAS RN **39423-51-3**  
Propylidynetrimehanol, propoxylated, reaction products with ammonia  
(*>1 <6.5 mol PO*)

NLP No. **500-106-1**  
CAS RN **39464-67-0**  
Dodecylphenol, ethoxylated, phosphates  
(*>1 <2.5 mol EO*)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-107-7**

CAS RN **40039-93-8**

2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-108-2**

CAS RN **42423-25-6**

4,4'-Methylenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-109-8**

CAS RN **43011-20-7**

Benzene-1,2,4-tricarboxylic acid 1,2-anhydride, oligomeric reaction products with ethane- 1,2-diol

NLP No. **500-110-3**

CAS RN **50586-59-9**

Propylidynetrimethanol, ethoxylated  
(*>1 <6.5 mol EO*)

NLPNo. **500-111-9**

CAS RN **51728-26-8**

Pentaerythritol, ethoxylated, esters with acrylic acid  
(*>1 <8.5 mol EO*)

NLP No. **500- 112-4**

CAS RN **52367-02-9**

4,4'-Isopropylidenediphenol, ethoxylated and propoxylated  
(*>1 <4.5 mol EO and >1 <4.5 mol PO*)

NLP No. **500-114-5**

CAS RN **52408-84-1**

Glycerol, propoxylated, esters with acrylic acid  
(*>1 <6.5 mol PO*)

NLP No. **500-115-0**

CAS RN **52409-10-6**

4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with glycerol, propoxylated  
(*>1 <6.5 mol PO*)

NLP No. **500-116-6**

CAS RN **52609-19-5**

2-Hexyldecan-1-ol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-117-1**

CAS RN **52625-12-4**

D-Mannitol, propoxylated  
(*>1 <12.5 mol PO*)

NLP No. **500-118-7**  
CAS RN **52625-13-5**  
D-Glucitol, propoxylated  
(*>1 <12.5 mol PO*)

NLP No. **500-119-2**  
CAS RN **52747-01-0**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with [(methylethylene)bis  
(oxy)]dipropanol

NLP No. **500-120-8**  
CAS RN **53317-61-6**  
Toluene diisocyanate, oligomeric reaction products with 2,2'-oxydiethanol and  
propylidene-trimethanol

NLP No. **500-121-3**  
CAS RN **53694-15-8**  
D-Glucitol, ethoxylated  
(*>1 <12.5 mol EO*)

NLP No. **500-122-9**  
CAS RN **53814-24-7**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction  
products with acrylic acid

NLP No. **500-123-4**  
CAS RN **53879-54-2**  
Propylidene-trimethanol, propoxylated, esters with acrylic acid  
(*>1 <6.5 mol PO*)

NLP No. **500-125-5**  
CAS RN **53880-05-0**  
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers

NLP No. **500-126-0**  
CAS RN **54323-23-8**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction  
products with polymethylenepolyphenylene polyisocyanate

NLP No. **500-127-6**  
CAS RN **54847-34-6**  
4,4'-Isopropylidenediphenol bis(2,3-epoxypropyl) ether, oligomers, esters with acrylic acid

NLP No. **500-128-1**  
CAS RN **55185-21-2**  
2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol, propoxylated  
(*>1 <4.5 mol PO*)

NLP No. **500-129-7**  
CAS RN **55552-95-9**  
Formaldehyde, oligomeric reaction products with diethylenetriamine and phenol



NLP No. **500-130-2**

CAS RN **55818-57-0**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, esters with acrylic acid

NLP No. **500-131-8**

CAS RN **56266-32-1**

\*Adipic acid, polymer with hexane-1,6-diol and propylidynetrimethanol

NLP No. **500-132-3**

CAS RN **56449-05-9**

D-Glucitol, ethoxylated and propoxylated  
( $>1 < 12.5$  mol EO and  $>1 < 12.5$  mol PO)

NLP No. **500-133-9**

CAS RN **56641-05-5**

Phenol, ethoxylated, esters with acrylic acid  
( $>1 < 2.5$  mol EO)

NLP No. **500-134-4**

CAS RN **56727-50-5**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with hexamethylenediamine

NLP No. **500-136-5**

CAS RN **56992-68-8**

Dodecan-1-ol, ethoxylated, benzoate  
( $>1 < 2.5$  mol EO)

NLP No. **500-137-0**

CAS RN **57214-10-5**

Formaldehyde, oligomeric reaction products with phenol and m-phenylenebis(methylamine)

NLP No. **500-138-6**

CAS RN **57516-88-8**

Toluene diisocyanate, oligomeric reaction products with polyethoxylated and polypropoxylated glycerol

NLP No. **500-140-7**

CAS RN **58128-22-6**

12-Hydroxystearic acid, oligomers, reaction products with stearic acid

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-141-2**

CAS RN **59650-39-4**

4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane and .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]

NLP No. **500-142-8**

CAS RN **59952-43-1**

4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with oxydipropanol

NLP No. **500-143-3**

CAS RN **60183-15-5**

Paraformaldehyde, oligomeric reaction products with phenol and trimethylhexane-1,6-diamine

NLP No. **500-144-9**

CAS RN **60636-37-5**

2-Butyloctan-1-ol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-145-4**

CAS RN **61723-82-8**

Xylenols, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-147-5**

CAS RN **61788-85-0**

Castor oil, hydrogenated, ethoxylated  
(*>1 <6.5 mol EO*)

NLP No. **500-148-0**

CAS RN **61788-89-4**

Fatty acids, C18-unsatd., dimers

NLP No. **500-149-6**

CAS RN **61790-85-0**

Amines, N-tallow alkyltrimethylenedi-, ethoxylated  
(*>1 <6.5 mol EO*)

NLP No. **500-150-1**

CAS RN **61791-00-2**

Fatty acids, tall-oil, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-151-7**

CAS RN **61791-12-6**

Castor oil, ethoxylated  
(*>1 <6.5 mol EO*)

NLP No. **500-152-2**  
CAS RN **61791-14-8**  
Amines, coco alkyl, ethoxylated  
(*>1 <4.5 mol EO*)

NLP No. **500-153-8**  
CAS RN **61791-26-2**  
Amines, tallow alkyl, ethoxylated  
(*>1 <4.5 mol EO*)

NLP No. **500-154-3**  
CAS RN **61931-73-5**  
D-Glucose, ethoxylated  
(*>1 <10.5 mol EO*)

NLP No. **500-155-9**  
CAS RN **62362-49-6**  
Octadecan-1-ol, ethoxylated, phosphates  
(*>1 <2.5 mol EO*)

NLP No. **500-156-4**  
CAS RN **62722-22-9**  
2-Ethylhexan-1-ol, ethoxylated, esters with acrylic acid  
(*>1 <2.5 mol EO*)

NLP No. **500-158-5**  
CAS RN **63641-63-4**  
Diaminotoluene, propoxylated  
(*>1 <8.5 mol PO*)

NLP No. **500-159-0**  
CAS RN **64298-75-5**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with .alpha.-hydro.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)] and polyethoxylated and polypropoxylated glycerol

NLP No. **500-160-6**  
CAS RN **64502-13-2**  
Orthophosphoric acid, ethoxylated  
(*>1 <6.5 mol EO*)

NLP No. **500-161-1**  
CAS RN **64714-10-9**  
Aniline, oligomeric reaction products with .alpha.,.alpha.'-dichloro-p-xylene

NLP No. **500-162-7**  
CAS RN **65169-82-6**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminopropyltriethoxysilane

NLP No. **500-163-2**  
CAS RN **65997-05-9**  
Rosin, oligomers

NLP No. **500-164-8**  
CAS RN **65997-11-7**  
Rosin, fumarated, oligomeric reaction products with pentaerythritol

NLP No. **500-165-3**  
CAS RN **66455-14-9**  
Alcohols, C12-13, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-166-9**  
CAS RN **66990-60-1**  
Polymethylenepolyphenylene polyisocyanate, oligomeric reaction products with 4,4'-methylenediphenyl diisocyanate, 2,4'-diisocyanatodiphenylmethane and polyethoxylated and polypropoxylated glycerol

NLP No. **500-167-4**  
CAS RN **67599-02-4**  
.epsilon.-Caprolactone, oligomeric reaction products with 2-hydroxyethyl methacrylate and toluene diisocyanate

NLP No. **500-169-5**  
CAS RN **67700-43-0**  
Castor oil, oligomeric reaction products with toluene diisocyanate

NLP No. **500-170-0**  
CAS RN **67719-56-6**  
Undec-10-enoic acid, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-171-6**  
CAS RN **67746-09-2**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and fatty acids, linseed-oil

NLP No. **500-172-1**  
CAS RN **67762-19-0**  
Alcohols, C10-16, ethoxylated, sulfates, ammonium salts  
(>1 <2.5 mol EO)

NLP No. **500-173-7**  
CAS RN **67762-21-4**  
Alcohols, C10-16, ethoxylated, sulfates, magnesium salts  
(>1 <2.5 mol EO)

NLP No. **500-174-2**

CAS RN **67846-32-6**

Isophthalic acid, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phthalic anhydride

NLP No. **500-175-8**

CAS RN **67846-40-6**

Orthophosphoric acid, oligomeric reaction products with 4,4'-isopropylidenediphenol-1-chloro-2,3-epoxypropane co-oligomer

NLP No. **500-176-3**

CAS RN **67906-77-8**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and maleic anhydride, reaction products with acrylic acid

NLP No. **500-177-9**

CAS RN **67939-70-2**

Glyoxal, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

NLP No. **500-178-4**

CAS RN **67939-72-4**

Triethylenetetramine, ethoxylated and propoxylated  
( $>1 < 12.5 \text{ mol EO}$  and  $>1 < 12.5 \text{ mol PO}$ )

NLP No. **500-180-5**

CAS RN **67989-52-0**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers

NLP No. **500-181-0**

CAS RN **68002-42-6**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole

NLP No. **500-182-6**

CAS RN **68002-97-1**

Alcohols, C10-16, ethoxylated  
( $>1 < 2.5 \text{ mol EO}$ )

NLP No. **500-183-1**

CAS RN **68037-01-4**

\* Dec-1-ene, homopolymer, hydrogenated  
Dec-1-ene, oligomers, hydrogenated

NLP No. **500-184-7**

CAS RN **68037-13-8**

2-Methylpropene, trimers, sulfurized

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-185-2**  
CAS RN **68071-35-2**  
Alcohols, C12- 15, ethoxylated, phosphates  
(*>1 <2.5 mol EO*)

NLP No. **500-186-8**  
CAS RN **68071-48-7**  
Amines, coco alkyl, ethoxylated, N-oxides  
(*>1 <4.5 mol EO*)

NLP No. **500-187-3**  
CAS RN **68071-65-8**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids, tetraethylenepentamine and triethylenetetramine

NLP No. **500-188-9**  
CAS RN **68072-39-9**  
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with triethylenetetramine

NLP No. **500-189-4**  
CAS RN **68081-91-4**  
Alcohols, C12-18, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-191-5**  
CAS RN **68082-29-1**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

NLP No. **500-192-0**  
CAS RN **68083-03-4**  
Rosin, oligomeric reaction products with phenol

NLP No. **500-193-6**  
CAS RN **68130-45-0**  
Alcohols, C12-13, ethoxylated, phosphates  
(*>1 <2.5 mol EO*)

NLP No. **500-194-1**  
CAS RN **68130-79-0**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4,4'-methylenedianiline

NLP No. **500-195-7**  
CAS RN **68131-39-5**  
Alcohols, C12-15, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-196-2**  
CAS RN **68134-42-9**  
Formaldehyde, oligomeric reaction products with 2-amino-2-(hydroxymethyl)-1,3-propanediol

NLP No. **500-197-8**  
CAS RN **68154-56-3**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with ethylenediamine and oleic acid

NLP No. **500-198-3**  
CAS RN **68154-96-1**  
Alcohols, C14-18, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-199-9**  
CAS RN **68183-39-1**  
Benzene-1,2,4-tricarboxylic acid 1,2-anhydride, oligomeric reaction products with ethane-1,2-diol and glycerol

NLP No. **500-200-2**  
CAS RN **68201-58-1**  
Rosin, fumarated, oligomeric reaction products with paraformaldehyde

NLP No. **500-201-8**  
CAS RN **68213-23-0**  
Alcohols, C12-18, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-202-3**  
CAS RN **68308-83-8**  
Castor oil, oligomeric reaction products with maleic anhydride

NLP No. **500-203-9**  
CAS RN **68318-25-2**  
Polymethylenepolyphenylene polyisocyanate, reaction products with 3-aminopropyltriethoxysilane

NLP No. **500-204-4**  
CAS RN **68334-05-4**  
Fatty acids, C18-unsatd., dimers, 2-ethylhexyl esters

NLP No. **500-206-5**  
CAS RN **68391-18-4**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-piperazin-1-ylethylamine

NLP No. **500-207-0**  
CAS RN **68400-69-1**  
Polymethylenepolyphenylene polyisocyanate, oligomeric reaction products with propoxylated glycerol (*>1 <6.5 mol PO*)

NLP No. **500-208-6**  
CAS RN **68409-65-4**  
2-Methylpropan-1-ol, propoxylated  
(*>1 <2.5 mol IPO*)

NLP No. **500-209-1**  
CAS RN **68412-54-4**  
Nonylphenol, branched, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-210-7**  
CAS RN **68413-24-1**  
Cashew, nutshell liq., oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-211-2**  
CAS RN **68425-44-5**  
Amides, coco alkyl, N-(hydroxyethyl), ethoxylated  
(*>1 <4.5 mol EO*)

NLP No. **500-212-8**  
CAS RN **68439-49-6**  
Alcohols, C16-18, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-213-3**  
CAS RN **68439-50-9**  
Alcohols, C12-14, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-214-9**  
CAS RN **68440-06-2**  
Fatty acids, C18-unsatd., dimers, hydrogenated, 2-ethylhexyl esters

NLP No. **500-215-4**  
CAS RN **68475-94-5**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-217-5**  
CAS RN **68511-33-1**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with oligo(oxypropylene)diamine

NLP No. **500-218-0**  
CAS RN **68512-29-8**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-piperazin-1-ylethylamine and oligo(oxypropylene)diamine

NLP No. **500-219-6**  
CAS RN **68515-02-6**  
Rosin, oligomeric reaction products with isophthalic acid and pentaerythritol



NLP No. **500-220-1**  
CAS RN **68515-73-1**  
D-Glucopyranose, oligomers, decyl octyl glycosides

NLP No. **500-221-7**  
CAS RN **68551-12-2**  
Alcohols, C12-16, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-222-2**  
CAS RN **68552-01-2**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with 2,2'-oxydiethanol

NLP No. **500-223-8**  
CAS RN **68585-34-2**  
Alcohols, C10-16, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-224-3**  
CAS RN **68585-40-0**  
Alcohols, C16-18, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-225-9**  
CAS RN **68604-84-2**  
Fatty acids, C18-unsatd., dimers, methyl esters

NLP No. **500-226-4**  
CAS RN **68648-50-0**  
Rosin, dimers, calcium salts

NLP No. **500-228-5**  
CAS RN **68649-11-6**  
Dec-1-ene, dimers, hydrogenated

NLP No. **500-229-0**  
CAS RN **68649-26-3**  
N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide, reaction products with N-ethyl-1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-1-butanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentafluoro-N(2-hydroxyethyl)-1-heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroN-(2-hydroxyethyl)-1-hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N(2-hydroxyethyl)-1-pentanesulfonamide, octadecan-1-ol and polymethylenepolyphenylene polyisocyanate

NLP No. **500-230-6**  
CAS RN **68698-70-4**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminopropyldiethylamine and 2-piperazin-1-ylethylamine

NLP No. **500-231-1**  
CAS RN **68783-41-5**  
Fatty acids, C18-unsatd., dimers, hydrogenated

NLP No. **500-232-7**  
CAS RN **68815-56-5**  
Alcohols, C10-16, ethoxylated, sulfosuccinates, disodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-233-2**  
CAS RN **68891-29-2**  
Alcohols, C8-10, ethoxylated, sulfates, ammonium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-234-8**  
CAS RN **68891-38-3**  
Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-235-3**  
CAS RN **68909-65-9**  
Alcohols, C10-16, ethoxylated, phosphates  
(*>1 <2.5 mol EO*)

NLP No. **500-236-9**  
CAS RN **68920-66-1**  
Alcohols, C16-18 and C18-unsatd., ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-237-4**  
CAS RN **68936-81-2**  
Pentaerythritol, ethoxylated, phosphates  
(*>1 <8.5 mol EO*)

NLP No. **500-239-5**  
CAS RN **68937-90-6**  
Fatty acids, C18-unsatd., trimers

NLP No. **500-240-0**  
CAS RN **68958-77-0**  
\* 4,4'-Isopropylidenediphenol, polymer with 1-chloro-2,3-epoxypropane, propane-1,2-diol acrylate and succinic anhydride

NLP No. **500-241-6**  
CAS RN **69011-36-5**  
Isotridecanol, ethoxylated  
(*>1 <2.5 mol EO*)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-242-1**  
CAS RN **69227-21-0**  
Alcohols, C12-18, ethoxylated and propoxylated  
(*>1 <2.5 mol EO and >1 <2.5 mol PO*)

NLP No. **500-243-7**  
CAS RN **69591-36-2**  
Oxybispropanediol, ethoxylated  
(*>1 <8.5 mol EO*)

NLP No. **500-244-2**  
CAS RN **70025-00-2**  
Fatty acids, C18-unsatd., trimers, methyl esters

NLP No. **500-245-8**  
CAS RN **70750-57-1**  
Terpenes and terpenoids, turpentine-oil, .alpha.-pinene fraction, oligomers

NLP No. **500-246-3**  
CAS RN **71745-12-5**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4,4'-sulfonyldianiline

NLP No. **500-247-9**  
CAS RN **72009-86-0**  
Biphenyl-2-ol, ethoxylated, esters with acrylic acid  
(*>1 <2.5 mol EO*)

NLP No. **500-248-4**  
CAS RN **72136-61-9**  
2-Ethylhexan-1-ol, propoxylated  
(*>1 <2.5 mol PO*)

NLP No. **500-250-5**  
CAS RN **72259-84-8**  
Isophthalic acid, oligomeric reaction products with adipic acid, hexane-1,6-diol, phthalic anhydride and propylidynetrimethanol

NLP No. **500-251-0**  
CAS RN **72317-18-1**  
Butene, trimers

NLP No. **500-252-6**  
CAS RN **72318-80-0**  
Alcohols, C12-15, ethoxylated, phosphates, bis(2-hydroxyethyl)ammonium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-253-1**  
CAS RN **72480-18-3**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with ethylenediamine

NLP No. **500-254-7**  
CAS RN **72828-11-6**  
Oxybispropanediol, ethoxylated, esters with stearic acid  
(*>1 <8.5 mol EO*)

NLP No. **500-255-2**  
CAS RN **73138-53-1**  
Fatty acids, tall-oil, dimers

NLP No. **500-256-8**  
CAS RN **73756-36-2**  
2-Octyldodecanoic acid, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-257-3**  
CAS RN **74512-23-5**  
Linoleic acid, oligomeric reaction products with acrylic acid and tris(2-hydroxyethyl)-1,3,5-triazinetriene

NLP No. **500-258-9**  
CAS RN **74775-06-7**  
Tetradecan-1-ol, propoxylated, esters with propionic acid  
(*>1 <2.5 mol PO*)

NLP No. **500-259-4**  
CAS RN **75553-89-8**  
Toluene diisocyanate, oligomeric reaction products with 2,2-bis(bromomethyl)propane-1,3-diol and .alpha.,.alpha.'.alpha."-1,2,3-propanetriyltris[.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]

NLP No. **500-261-5**  
CAS RN **75790-79-3**  
Ammonia, propoxylated  
(*>1 <6.5 mol PO*)

NLP No. **500-262-0**  
CAS RN **75880-28-3**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane and [(methylene)bis(oxy)]dipropanol

NLP No. **500-263-6**  
CAS RN **77138-45-5**  
Formaldehyde, oligomeric reaction products with 4,4'-isopropylidenediphenol and diethylenetriamine

NLP No. **500-264-1**  
CAS RN **80408-02-2**  
Oxydipropanol, propoxylated  
(*>1 <4.5 mol PO*)

NLP No. **500-265-7**  
CAS RN **83138-62-9**  
Glycerol, oligomers, isooctadecanoate

NLP No. **500-266-2**  
CAS RN **84665-16-7**  
Formaldehyde, oligomeric reaction products with 1,3-cyclohexanedimethanamine and phenol

NLP No. **500-267-8**  
CAS RN **85422-93-1**  
Alcohols, C10-18, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-268-3**  
CAS RN **87041-44-9**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with cyclohex-1,2-ylenediamine

NLP No. **500-269-9**  
CAS RN **87182-08-9**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and methylenediphenol

NLP No. **500-270-4**  
CAS RN **88288-99-7**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane and oxydipropanol

NLP No. **500-272-5**  
CAS RN **88645-29-8**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reduced

NLP No. **500-273-0**  
CAS RN **88849-49-4**  
Isophthalic acid, oligomeric reaction products with 2,2-dimethylpropane-1,3-diol and phthalic anhydride

NLP No. **500-274-6**  
CAS RN **88995-63-5**  
2-Decyltetradecan-1-ol, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-275-1**  
CAS RN **89096-17-3**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane and polyethoxylated and polypropoxylated 1,2-propanediol

NLP No. **500-276-7**  
CAS RN **89800-10-2**  
.epsilon.-Caprolactone, oligomers, esters with acrylic acid and 2,2,2',2'-tetrakis  
(hydroxymethyl)-3,3'-oxydipropan-1-ol

NLP No. **500-277-2**  
CAS RN **93975-76-9**  
Tetradecan-1-ol, propoxylated, acetate  
(>1 <2.5 mol PO)

NLP No. **500-278-8**  
CAS RN **94857-19-9**  
1,3-Bis(1-isocyanato-1-methylethyl)benzene, oligomeric reaction products with  
propylidenetrimethanol

NLP No. **500-279-3**  
CAS RN **95411-36-2**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with  
2,4'-diisocyanatodiphenylmethane, polyethoxylated and polypropoxylated glycerol

NLP No. **500-280-9**  
CAS RN **97387-29-6**  
.epsilon.-Caprolactone, oligomers, esters with acrylic acid

NLP No. **500-281-4**  
CAS RN **98362-33-5**  
2,3-Epoxypropyl neodecanoate, oligomeric reaction products with toluene-4-sulfonic acid

NLP No. **500-283-5**  
CAS RN **98478-70-7**  
2-Dodecylhexadecan-1-ol, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-284-0**  
CAS RN **98478-71-8**  
2-Tetradecyloctadecan-1-ol, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-285-6**  
CAS RN **99550-56-8**  
Glycerol, oligomers, triesters with stearic acid

NLP No. **500-286-1**  
CAS RN **101325-00-2**  
\* Carbonic acid, dimethyl ester, polymer with 1,6-hexanediol

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-287-7**  
CAS RN **103170-26-9**  
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers, reaction products with 2-butanone oxime

NLP No. **500-288-2**  
CAS RN **103213-20-3**  
Fatty acids, C18-unsatd, dimers, hydrogenated, diisopropyl esters

NLP No. **500-289-8**  
CAS RN **103758-98-1**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and tetraethylenepentamine

NLP No. **500-290-3**  
CAS RN **103758-99-2**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with triethylenetetramine

NLP No. **500-291-9**  
CAS RN **103818-96-8**  
Alcohols, C16-18, ethoxylated, sulfates, potassium salts  
( $>1 < 2.5 \text{ mol EO}$ )

NLP No. **500-292-4**  
CAS RN **106008-66-6**  
.epsilon.-Caprolactone, oligomeric reaction products with propylidene-trimethanol, reaction products with acrylic acid

NLP No. **500-294-5**  
CAS RN **106232-83-1**  
Alcohols, C12-15, branched and linear, ethoxylated  
( $>1 < 2.5 \text{ mol EO}$ )

NLP No. **500-295-0**  
CAS RN **106233-09-4**  
Alcohols, C16-18, ethoxylated, phosphates  
( $>1 < 2.5 \text{ mol EO}$ )

NLP No. **500-296-6**  
CAS RN **106906-26-7**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with 4,4'-isopropylidenediphenol -1-chloro-2,3-epoxypropane co-oligomer, tall-oil fatty acids, tetraethylenepentamine and triethylenetetramine

NLP No. **500-297-1**  
CAS RN **109331-54-6**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane

NLP No. **500-298-7**  
CAS RN **110392-50-2**  
Alcohols, C12-13, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-299-2**  
CAS RN **110839-12-8**  
Toluene diisocyanate, oligomeric reaction products with water

NLP No. **500-300-6**  
CAS RN **111411-00-8**  
Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-*tert*-butylphenol

NLP No. **500-301-1**  
CAS RN **111870-68-9**  
Castor oil, hydrogenated, propoxylated  
(*>1 <6.5 mol PO*)

NLP No. **500-302-7**  
CAS RN **113930-69-1**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with *m*-phenylenebis(methylamine)

NLP No. **500-303-2**  
CAS RN **115340-85-7**  
4,4'-Isopropylidenediphenol, ethoxylated, esters with fatty acids, coco  
(*>1 <4.5 mol EO*)

NLP No. **500-304-8**  
CAS RN **116802-94-9**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)

NLP No. **500-305-3**  
CAS RN **116810-31-2**  
Alcohols, cetyl oleyl, ethoxylated, propoxylated  
(*>1 <2.5 mol EO and >1 <2.5 mol PO*)

NLP No. **500-306-9**  
CAS RN **119205-75-3**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4,4'-methylenebis(2,6-diethylaniline)

NLP No. **500-307-4**  
CAS RN **119499-55-7**  
Propylene carbonate, oligomeric reaction products with 2-methylpentane-1,5-diamine



NLP No. **500-309-5**  
CAS RN **120086-57-9**  
2,2'-[Oxybis(methylene)]bis[2-ethylpropane-1,3-diol], propoxylated, esters with acrylic acid  
( $>1 < 8.5$  mol PO)

NLP No. **500-310-0**  
CAS RN **120145-72-4**  
.epsilon.-Caprolactone, oligomers, esters with 2-hydroxyethyl methacrylate, phosphate

NLP No. **500-311-6**  
CAS RN **120498-03-5**  
N-butyl-2,2,6,6-tetramethylpiperidin-4-amine, oligomeric reaction products with  
N,N'-bis(3-aminopropyl)ethylenediamine and 2,4,6-trichloro-1,3,5-triazine

NLP No. **500-312-1**  
CAS RN **123714-19-2**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with butane-1,3-diol,  
2,4'-diisocyanatodiphenylmethane, [(methylene)bis(oxy)]dipropanol and propane-1,2-diol

NLP No. **500-313-7**  
CAS RN **NYA**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with butane-1,3-diol,  
2,4'-diisocyanatodiphenylmethane, 1,1'-methylenebis(4-isocyanatobenzene) homopolymer,  
[(methylene)bis(oxy)]dipropanol and propane-1,2-diol

NLP No. **500-314-2**  
CAS RN **125301-92-0**  
Alcohols, C12-15, ethoxylated, sulfates, sodium salts  
( $>1 < 2.5$  mol EO)

NLP No. **500-315-8**  
CAS RN **127087-87-0**  
4-Nonylphenol, branched, ethoxylated  
( $>1 < 2.5$  mol EO)

NLP No. **500-316-3**  
CAS RN **127379-59-3**  
Toluene diisocyanate, oligomeric reaction products with polyethoxylated and polypropoxylated  
glycerol grafted with acrylonitrile and styrene

NLP No. **500-317-9**  
CAS RN **128152-19-2**  
.epsilon.-Caprolactone, oligomers, ester with 2-hydroxyethyl methacrylate

NLP No. **500-318-4**  
CAS RN **130262-42-9**  
\* 4-Hydroxybenzaldehyde, polymer with 1-chloro-2,3-epoxypropane and 6-tert-butyl-3-cresol

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-320-5**

CAS RN **130353-58-1**

Fatty acids, C16-18 and C18-hydroxy, oligomeric reaction products with adipic acid, decanoic acid, isooctadecanoic acid, octanoic acid, pentaerythritol and stearic acid

NLP No. **500-321-0**

CAS RN **131618-03-6**

Phthalic anhydride, oligomeric reaction products with 3-aminopropyltriethoxysilane

NLP No. **500-322-6**

CAS RN **144086-03-3**

Glycerol, ethoxylated, esters with acrylic acid  
( $>1 <6.5$  mol EO)

NLP No. **500-323-1**

CAS RN **144952-43-2**

2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and acrylic acid

NLP No. **500-324-7**

CAS RN **144952-44-3**

\* *epsilon*-Caprolactone, polymer with 2-hydroxyethyl acrylate and (2,4,6-trioxotriazine-1,3,5(2H,4H,6H)-triy)tris(hexamethylene)isocyanate

NLP No. **500-325-2**

CAS RN **146266-71-9**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 1,6-bis(2,3-epoxypropoxy)hexane and m-phenylenebis(methylamine)

NLP No. **500-326-8**

CAS RN **146277-66-9**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with bicyclo[2.2.1]heptanebis(methylamine)

NLP No. **500-327-3**

CAS RN **146700-98-3**

D-Glucitol, butoxylated  
( $>1 <12.5$  mol BO)

NLP No. **500-328-9**

CAS RN **148894-57-9**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with formaldehyde-aniline co-oligomer

NLP No. **500-329-4**

CAS RN **150497-77-1**

D-Glucitol, butoxylated and ethoxylated  
( $>1 <12.5$  mol BO and  $>1 <12.5$  mol EO)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-331-5**  
CAS RN **151911-53-4**  
D-Glucopyranose, oligomers, monosulfosuccinate, coco alkyl glycosides, sodium salts

NLP No. **500-332-0**  
CAS RN **153195-44-9**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with trimethylhexane-1,6-diamine

NLP No. **500-333-6**  
CAS RN **153270-36-1**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with acrylic acid and dipropylamine

NLP No. **500-334-1**  
CAS RN **154565-28-3**  
2,3-Epoxypropyl neodecanoate, oligomeric reaction products with cyclohexane-1,2-dicarboxylic anhydride and propylidynetrimethanol

NLP No. **500-335-7**  
CAS RN **155075-94-8**  
Isophthalic acid, oligomeric reaction products with propylidynetrimethanol, isononanoate

NLP No. **500-336-2**  
CAS RN **157348-58-8**  
2,3-Epoxypropyl neodecanoate, oligomeric reaction products with phosphorous acid

NLP No. **500-337-8**  
CAS RN **157627-86-6**  
Alcohols, C13-15, branched and linear, ethoxylated  
( $>1 < 2.5 \text{ mol EO}$ )

NLP No. **500-338-3**  
CAS RN **157627-88-8**  
Alcohols, C9-15, ethoxylated  
( $>1 < 2.5 \text{ mol EO}$ )

NLP No. **500-339-9**  
CAS RN **157627-89-9**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with 1,3-bis[[[3-(aminomethyl)phenyl]methyl]amino]propan-2-ol

NLP No. **500-340-4**  
CAS RN **157627-90-2**  
Fatty acids, C18-unsatd., dimers, reaction products with m-phenylenebis(methylamine)

NLP No. **500-342-5**  
CAS RN **157627-91-3**  
Alcohols, C10-16, ethoxylated, sulfates, potassium salts  
( $>1 < 2.5 \text{ mol EO}$ )

NLP No. **500-343-0**  
CAS RN **157627-92-4**  
Alcohols, C10-16, ethoxylated, sulfates, mono(hydroxyethyl)ammonium salts  
(>1 <2.5 mol EO)

NLP No. **500-344-6**  
CAS RN **157627-94-6**  
Alcohols, C10-16, ethoxylated, sulfates, triethanolammonium salts  
(>1 <2.5 mol EO)

NLP No. **500-345-1**  
CAS RN **157627-95-7**  
Alcohols, C16-18 and C18-unsatd., ethoxylated, sulfates, sodium salts  
(>1 <2.5 mol EO)

NLP No. **500-346-7**  
CAS RN **157627-96-8**  
Alcohols, C10-16, ethoxylated, sulfosuccinates, bis[mono(hydroxyethyl)ammonium] salts  
(>1 <2.5 mol EO)

NLP No. **500-347-2**  
CAS RN **157707-41-0**  
Alcohols, C14-16, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-348-8**  
CAS RN **157707-42-1**  
Fatty acids, rape-oil, erucic acid-high, dimers

NLP No. **500-349-3**  
CAS RN **157707-43-2**  
Alcohols, C8-18, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-350-9**  
CAS RN **157707-44-3**  
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl), ethoxylated  
(>1 <4.5 mol EO)

NLP No. **500-351-4**  
CAS RN **157707-45-4**  
Fatty acids, C12-20 and C12-20-unsatd., reaction products with diethylenetriamine, propoxylated, quaternary salts with dimethyl sulfate  
(>1 <8.5 mol PO)

NLP No. **500-353-5**  
CAS RN **157707-46-5**  
Fatty acids, C8-18 and C16-18-unsatd., reaction products with 2-aminoethanol, ethoxylated  
(>1 <4.5 mol EO)

NLP No. **500-354-0**  
CAS RN **157707-47-6**  
Fatty acids, C12-20 and C12-20-unsatd., reaction products with diethylenetriamine, ethoxylated, quaternary salts with dimethyl sulfate  
(*>1 <8.5 mol EO*)

NLP No. **500-355-6**  
CAS RN **157707-48-7**  
D-Glucitol, ethoxylated, esters with beeswax fatty acids  
(*>1 <12.5 mol EO*)

NLP No. **500-356-1**  
CAS RN **157707-49-8**  
D-Glucitol, ethoxylated, esters with coconut fatty acids  
(*>1 <12.5 mol EO*)

NLP No. **500-357-7**  
CAS RN **157707-50-1**  
D-Glucitol, ethoxylated, triesters with coconut fatty acids  
(*>1 <12.5 mol EO*)

NLP No. **500-358-2**  
CAS RN **157707-51-2**  
D-Glucitol, ethoxylated, tetraesters with coconut fatty acids  
(*>1 <12.5 mol EO*)

NLP No. **500-359-8**  
CAS RN **157707-52-3**  
D-Glucitol, ethoxylated, pentaesters with coconut fatty acids  
(*>1 <12.5 mol EO*)

NLP No. **500-360-3**  
CAS RN **157707-53-4**  
D-Glucitol, ethoxylated, hexaesters with coconut fatty acids  
(*>1 <12.5 mol EO*)

NLP No. **500-361-9**  
CAS RN **157707-54-5**  
D-Glucitol, ethoxylated, monoesters with coconut fatty acids  
(*>1 <12.5 mol EO*)

NLP No. **500-362-4**  
CAS RN **157707-55-6**  
D-Glucitol, propoxylated, diesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol PO*)

NLP No. **500-364-5**  
CAS RN **157707-56-7**  
D-Glucitol, propoxylated, triesters with coconut fatty acids  
(*>1 <12.5 mol PO*)

NLP No. **500-365-0**  
CAS RN **157707-57-8**  
D-Glucitol, propoxylated, hexaesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol PO*)

NLP No. **500-366-6**  
CAS RN **157707-58-9**  
D-Glucitol, propoxylated, triesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol PO*)

NLP No. **500-367-1**  
CAS RN **157707-59-0**  
D-Glucitol, ethoxylated, triesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol EO*)

NLP No. **500-368-7**  
CAS RN **157707-60-3**  
D-Glucitol, ethoxylated, pentaesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol EO*)

NLP No. **500-369-2**  
CAS RN **157707-61-4**  
D-Glucitol, ethoxylated, hexaesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol EO*)

NLP No. **500-370-8**  
CAS RN **157707-62-5**  
D-Glucitol, ethoxylated, monoesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol EO*)

NLP No. **500-371-3**  
CAS RN **157707-63-6**  
D-Glucitol, ethoxylated, diesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol EO*)

NLP No. **500-372-9**  
CAS RN **157707-64-7**  
D-Glucitol, ethoxylated, tetraesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol EO*)

NLP No. **500-373-4**  
CAS RN **157707-65-8**  
D-Glucose, ethoxylated, monoesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <10.5 mol EO*)

NLP No. **500-375-5**  
CAS RN **157707-66-9**  
D-Glucitol, ethoxylated, triesters with fatty acids, palm-oil  
(*>1 <12.5 mol EO*)

NLP No. **500-376-0**  
CAS RN **157707-67-0**  
D-Glucose, ethoxylated, diesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <10.5 mol EO*)

NLP No. **500-377-6**  
CAS RN **157707-68-1**  
D-Glucose, ethoxylated, tetraesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <10.5 mol EO*)

NLP No. **500-378-1**  
CAS RN **157707-69-2**  
D-Glucose, ethoxylated, pentaesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <10.5 mol EO*)

NLP No. **500-379-7**  
CAS RN **157707-70-5**  
D-Mannitol, ethoxylated, hexaesters with fatty acids, C8-18 and C18-unsatd.  
(*>1 <12.5 mol EO*)

NLP No. **500-380-2**  
CAS RN **157707-71-6**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear, 4,4'-isopropylidenediphenol-1-chloro-2,3-epoxypropane co-oligomer and triethylenetetramine

NLP No. **500-381-8**  
CAS RN **157707-72-7**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and triethylenetetramine

NLP No. **500-382-3**  
CAS RN **157707-73-8**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear, tetraethylenepentamine and triethylenetetramine

NLP No. **500-383-9**  
CAS RN **157707-74-9**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and pentaethylenehexamine

NLP No. **500-384-4**  
CAS RN **157707-75-0**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear, 4,4'-isopropylidenediphenol-1-chloro-2,3-epoxypropane co-oligomer, tetraethylenepentamine and triethylenetetramine

NLP No. **500-386-5**  
CAS RN **157707-76-1**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and tetraethylenepentamine  
NLP No. **500-387-0**

CAS RN **157707-77-2**

Fatty acids, C16-18 and C18-unsatd., branched and linear, oligomeric reaction products with 4,4'-isopropylidenediphenol-1-chloro-2,3-epoxypropane co-oligomer, tetraethylenepentamine and triethylenetetramine

NLP No. **500-388-6**

CAS RN **157707-78-3**

Amines, coco alkyl, ethoxylated, ethyl sulfates  
(*>1 <4.5 mol EO*)

NLP No. **500-389-1**

CAS RN **157707-79-4**

Fatty acids, C18-unsatd., dimers, oligomeric reaction products with pentaethylenhexamine and tall-oil fatty acids

NLP No. **500-390-7**

CAS RN **157707-81-8**

Fatty acids, tall-oil, oligomeric reaction products with 4,4'-isopropylidenediphenol-1-chloro-2,3-epoxypropane co-oligomer, tetraethylenepentamine and triethylenetetramine

NLP No. **500-391-2**

CAS RN **157707-82-9**

Alcohols, C14-16, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-392-8**

CAS RN **157707-84-1**

Alcohols, C12-18, ethoxylated, carboxymethyl ethers  
(*>1 <2.5 mol EO*)

NLP No. **500-393-3**

CAS RN **157707-86-3**

Dec-1-ene, trimers, hydrogenated

NLP No. **500-394-9**

CAS RN **157707-87-4**

D-Glucopyranose, oligomers, branched and linear C9-11-alkyl glycosides

NLP No. **500-395-4**

CAS RN **157707-88-5**

D-Glucopyranose, oligomers, C12-14-alkyl glycosides

NLP No. **500-397-5**

CAS RN **157707-89-6**

Phthalic anhydride, oligomeric reaction products with decanol, branched and 2,2'-oxydiethanol



NLP No. **500-398-0**

CAS RN **157707-90-9**

Acetaldehyde, reaction products with formaldehyde, by-products from, propoxylated

NLP No. **500-399-6**

CAS RN **158725-44-1**

\*2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and 2,4,6-tribromophenol

NLP No. **500-401-5**

CAS RN **158885-14-4**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and 1,3-cyclohexanedimethanamine

NLP No. **500-402-0**

CAS RN **158885-15-5**

1,3-Bis[[[3-(aminomethyl)phenyl]methyl]amino]propan-2-ol, oligomeric reaction products with butyl 2,3-epoxypropyl ether

NLP No. **500-403-6**

CAS RN **158885-16-6**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with cyclohex-1,2-ylenediamine and hexamethylenediamine

NLP No. **500-404-1**

CAS RN **158885-17-7**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylcyclohexane-1,3-diamine and 4-methylcyclohexane-1,3-diamine

NLP No. **500-405-7**

CAS RN **158885-18-8**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2,3-epoxypropyl neodecanoate and formaldehyde-aniline co-oligomer

NLP No. **500-406-2**

CAS RN **158885-19-9**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with butyl 2,3-epoxypropyl ether and formaldehyde-aniline co-oligomer

NLP No. **500-407-8**

CAS RN **158885-20-2**

Isophthalic acid, oligomeric reaction products with 2,2-dimethylpropane-1,3-diol, 3-methylpentane-1,5-diol and phthalic anhydride

NLP No. **500-408-3**

CAS RN **158885-21-3**

Formaldehyde, reaction products with 2,2'-iminodiethanol and 4,4'-isopropylidenediphenol, propoxylated

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-409-9**

CAS RN **158885-24-6**

Cyclohex-1,4-ylenedimethanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4,4'-methylenebis(cyclohexylamine)

NLP No. **500-410-4**

CAS RN **158885-25-7**

4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane, 2,2'-methylenebis(diphenyl diisocyanate) and .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]

NLP No. **500-412-5**

CAS RN **158885-26-8**

Hexane-1,6-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4,4'-methylenebis(cyclohexylamine)

NLP No. **500-413-0**

CAS RN **158885-27-9**

Butane-1,4-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4,4'-methylenebis(cyclohexylamine)

NLP No. **500-414-6**

CAS RN **158885-28-0**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4-(aminomethyl)octane-1,8-diamine

NLP No. **500-415-1**

CAS RN **158885-29-1**

4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with butane- 1,3-diol, 2,4'-diisocyanatodiphenylmethane, 2,2'-oxydiethanol and propane-1,2-diol

NLP No. **500-416-7**

CAS RN **158885-30-4**

4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane and .alpha.,.alpha.,.alpha."-1,2,3-propanetriyltris[.omega.-hydroxypoly [oxy(methyl-1,2-ethanediyl)]]

NLP No. **500-417-2**

CAS RN **158885-32-6**

4,4'-Methylenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and propylenediamine

NLP No. **500-418-8**

CAS RN **158913-27-0**

Butane-1,4-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4-(aminomethyl)octane-1,8-diamine

NLP No. **500-419-3**

CAS RN **158913-28-1**

Hexane-1,6-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4-(aminomethyl)octane-1,8-diamine

NLP No. **500-420-9**  
CAS RN **158999-25-8**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with octahydro-4,7-methano-1H-indenedimethylamine

NLP No. **500-421-4**  
CAS RN **158999-26-9**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane, 1,1'-methylenebis(4-isocyanatobenzene) homopolymer, oxydipropanol and .alpha. .,alpha. ' ',alpha. ' ' -1 ,2,3-propanetriyltris[.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]

NLP No. **500-423-5**  
CAS RN **159034-88-5**  
Amides, coco alkyl, propoxylated  
(*>1 <4.5 mol PO*)

NLP No. **500-424-0**  
CAS RN **159034-90-9**  
Fatty acids, C18-unsatd., dimers, hydrogenated, esters with nonanoic acid and propylidynetrimethanol

NLP No. **500-425-6**  
CAS RN **159034-91-0**  
Propylidynetrimethanol, ethoxylated, esters with acrylic acid, reaction products with diethylamine  
(*>1 <6.5 mol EO*)

NLP No. **500-426-1**  
CAS RN **159034-92-1**  
Glycerol, propoxylated, esters with acrylic acid, reaction products with dibutylamine  
(*>1 <6.5 mol PO*)

NLP No. **500-427-7**  
CAS RN **159034-94-3**  
Hexadecan-1-ol, propoxylated, phosphates, potassium salts  
(*>1 <2.5 mol PO*)

NLP No. **500-428-2**  
CAS RN **159034-95-4**  
\* Propene, homopolymer, reaction products with maleic anhydride, monomethyl ester, lanthanum salts

NLP No. **500-429-8**  
CAS RN **159034-96-5**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with [(dimethylamino)methyl]phenol and piperazine

NLP No. **500-430-3**  
CAS RN **159034-97-6**  
Methyl methacrylate, oligomeric reaction products with m-phenylenebis(methylamine)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-431-9**  
CAS RN **159034-98-7**  
Methyl methacrylate, oligomeric reaction products with 1,3-cyclohexanedimethanamine

NLP No. **500-432-4**  
CAS RN **159035-00-4**  
Hexane-1,6-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with alpha-4-(aminocyclohexyl)-p-toluidine

NLP No. **500-434-5**  
CAS RN **159035-01-5**  
Butane-1,4-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with alpha-4-(aminocyclohexyl)-p-toluidine

NLP No. **500-435-0**  
CAS RN **159073-31-1**  
Ethylenediamine, ethoxylated, quaternary salt with dimethyl sulfate  
(*>1 <8.5 mol EO*)

NLP No. **500-436-6**  
CAS RN **159168-79-3**  
\* Propene, homopolymer, reaction products with methyl hydrogen maleate, sodium salts

NLP No. **500-437-1**  
CAS RN **159168-80-6**  
\* Propene, homopolymer, reaction products with methyl hydrogen maleate, strontium salts

NLP No. **500-438-7**  
CAS RN **159168-81-7**  
\* Propene, homopolymer, reaction products with methyl hydrogen maleate, lithium salts

NLP No. **500-439-2**  
CAS RN **159168-82-8**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane, [(methylethylene)bis(oxy)]dipropanol and oxydipropanol

NLP No. **500-440-8**  
CAS RN **159170-54-4**  
D-Glucose, propoxylated  
(*>1 <10.5 mol PO*)

NLP No. **500-441-3**  
CAS RN **160901-05-3**  
Fatty acids, tall-oil, low-boiling, oligomeric reaction products with diethylenetriamine and fumaric acid

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-442-9**

CAS RN **160901-06-4**

Fatty acids, tall-oil, oligomeric reaction products with methyl hydrogen maleate and triethylenetetramine

NLP No. **500-443-4**

CAS RN **160901-07-5**

Fatty acids, tall-oil, oligomeric reaction products with diethylenetriamine and fumaric acid

NLP No. **500-445-5**

CAS RN **160901-08-6**

Fatty acids, C16-18 and C18-unsatd., branched and linear, oligomeric reaction products with diethylenetriamine and fumaric acid

NLP No. **500-446-0**

CAS RN **160901-09-7**

Alcohols, C9-11, branched and linear, ethoxylated  
( $>1 < 2.5 \text{ mol EO}$ )

NLP No. **500-447-6**

CAS RN **160901-10-0**

Fatty acids, lanolin, oligomers

NLP No. **500-448-1**

CAS RN **160901-11-1**

Fatty acids, rape-oil, erucic acid-high, dimers, hydrogenated

NLP No. **500-449-7**

CAS RN **160901-12-2**

Fatty acids, C18-unsatd., dimers, hydrogenated, dimethyl esters

NLP No. **500-450-2**

CAS RN **160901-13-3**

Rosin, tall-oil, dimers, calcium salts

NLP No. **500-451-8**

CAS RN **160901-14-4**

Fatty acids, tall-oil, oligomeric reaction products with maleic anhydride and rosin, calcium magnesium zinc salts

NLP No. **500-452-3**

CAS RN **160901-15-5**

Fatty acids, tall-oil, oligomeric reaction products with maleic anhydride and tall-oil rosin, calcium magnesium zinc salts

NLP No. **500-453-9**

CAS RN **160901-16-6**

Fatty acids, tall-oil, oligomeric reaction products with maleic anhydride, rosin and tall-oil rosin, calcium magnesium zinc salts

NLP No. **500-454-4**  
CAS RN **160901-17-7**  
D-Glucitol, ethoxylated, diesters with fatty acids, coco  
(>1 <12.5 mol EO)

NLP No. **500-456-5**  
CAS RN **160901-18-8**  
D-Glucitol, ethoxylated, hexaesters with fatty acids, palm-oil  
(>1 <12.5 mol EO)

NLP No. **500-457-0**  
CAS RN **160901-19-9**  
Alcohols, C12-13, branched and linear, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-458-6**  
CAS RN **160901-20-2**  
Alcohols, C11-14, branched and linear, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-459-1**  
CAS RN **160901-21-3**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids,  
4,4'-isopropylidenediphenol-1-chloro-2,3-epoxypropane co-oligomer and triethylenetetramine

NLP No. **500-460-7**  
CAS RN **160901-23-5**  
Fatty acids, C16-18 and C18-unsatd., branched and linear, oligomeric reaction products with methyl  
hydrogen maleate and triethylenetetramine

NLP No. **500-461-2**  
CAS RN **160901-24-6**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with 2-(2-aminoethylamino) ethanol,  
5 (or 6)-carboxy-4-hexylcyclohex-2-ene-1-octanoic acid, fatty acids, C16-18 and C18 unsatd.,  
branched and linear, 4,4'-isopropylidenediphenol-1-chloro-2,3-epoxypropane co-oligomer and  
pentaethylenhexamine, salts with formic acid

NLP No. **500-462-8**  
CAS RN **160901-25-7**  
N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide,  
reaction products with  
N-ethyl-1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-1-buthanesulfonamide,  
N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide,  
N-ethyl- 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-1-hexanesulfonamide,  
N-ethyl-1,1,2, 2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-1-pentanesulfonamide,  
2-ethylhexan-1-ol and polymethylenepolyphenylene polyisocyanate

NLP No. **500-463-3**

CAS RN **160901-26-8**

N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide, reaction products with 2-butanone-oxime,  
N-ethyl-1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)- 1-butanesulfonamide,  
N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7pentadecafluoro-N-(2-hydroxyethyl)- 1-heptanesulfonamide,  
N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)- 1-hexanesulfonamide,  
N-ethyl-1,1,2,2,3,3,4,4,5,5,5undecafluoro-N-(2-hydroxyethyl)-1-pentanesulfoamide,  
2-ethylhexan-1-ol and polymethylenepolyphenylene polyisocyanate

NLP No. **500-464-9**

CAS RN **160901-27-9**

Alcohols, C9-11, branched and linear, ethoxylated, sulfates, ammonium salts  
( $>1 < 2.5$  mol EO)

NLP No. **500-465-4**

CAS RN **160901-28-0**

Alcohols, C9-11, branched and linear, ethoxylated, sulfates, sodium salts  
( $>1 < 2.5$  mol EO)

NLP No. **500-467-5**

CAS RN **160901-29-1**

Alcohols, C11-14, branched and linear, ethoxylated, sulfates, sodium salts  
( $>1 < 2.5$  mol EO)

NLP No. **500-468-0**

CAS RN **160901-30-4**

Alcohols, C9-15, ethoxylated, sulfates, sodium salts  
( $2.0$  mol EO)

NLP No. **500-469-6**

CAS RN **160901-31-5**

4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-(2-butoxyethoxy) ethanol

NLP No. **500-470-1**

CAS RN **160901-32-6**

4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-(2-butoxyethoxy) ethanol and methanol

NLP No. **500-471-7**

CAS RN **160901-33-7**

4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-butoxyethanol

NLP No. **500-472-2**

CAS RN **160901-34-8**

4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-butoxyethanol and methanol

NLP No. **500-473-8**

CAS RN **160901-35-9**

4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-(2-butoxyethoxy) ethanol and 3,5-dimethylhex-1-yn-3-ol

NLP No. **500-474-3**  
CAS RN **160901-36-0**  
Dodecylphenol, ethoxylated, phosphates, calcium salts  
(2 mol EO)

NLP No. **500-475-9**  
CAS RN **161025-19-0**  
Alcohols, C6-12, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-476-4**  
CAS RN **161025-20-3**  
Alcohols, C7-9 branched, oligomeric reaction products with ethane-1,2-diol and phthalic anhydride

NLP No. **500-478-5**  
CAS RN **161025-21-4**  
Alcohols, C12-16, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-479-0**  
CAS RN **161025-22-5**  
Alcohols, C10-16, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-480-6**  
CAS RN **161025-23-6**  
Alcohols, C10-16, ethoxylated, sulfates, sodium salts  
(>1 <2.5 mol EO)

NLP No. **500-481-1**  
CAS RN **161025-24-7**  
Fatty acids, C18-unsatd., dimers, hydrogenated, diisooctadecyl esters

NLP No. **500-482-7**  
CAS RN **161025-25-8**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers and triethylenetetramine

NLP No. **500-483-2**  
CAS RN **161025-26-9**  
Fatty acids, C18-unsatd., dimers, reaction products with butane-1,4-diol, 1-chloro-2,3-epoxypropane and cyclohexane-1,2-dicarboxylic anhydride

NLP No. **500-484-8**  
CAS RN **161025-27-0**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with fatty acids, C18-unsatd., dimers and diethylenetriamine



NLP No. **500-485-3**  
CAS RN **161025-28-1**  
Alcohols, C6-12, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-486-9**  
CAS RN **161025-29-2**  
Alcohols, C12-13, ethoxylated, phosphates, tris(2-hydroxyethyl)ammonium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-487-4**  
CAS RN **161025-30-5**  
Alcohols, C12-16, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-489-5**  
CAS RN **161074-56-2**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with acrylic acid and fatty acids, coco

NLP No. **500-490-0**  
CAS RN **161074-57-3**  
Fatty acids, C16-18 and C18-hydroxy, oligomeric reaction products with adipic acid, isooctadecanoic acid, pentaerythritol and stearic acid

NLP No. **500-491-6**  
CAS RN **161074-58-4**  
Fatty acids, C18-unsatd., trimers, reaction products with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8 heptafluoro -N-(2-hydroxyethyl)-N-methyl-1-octanesulfonamide, 1,1,2,2,3,3,4,4,4,4-nonafluoro -N-(2-hydroxyethyl)-N-methyl-1-butanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentafluoro -N-(2-hydroxyethyl)-N-methyl-1-heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro -N-(2-hydroxyethyl)-N-methyl-1-hexanesulfonamide and 1,1,2,2,3,3,4,4, 5,5,5-undecafluoro -N-(2-hydroxyethyl)-N-methyl-1-pentanesulfonamide

NLP No. **500-492-1**  
CAS RN **161074-59-5**  
Alcohols, C12-15, branched and linear, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with tetraethylenepentamine

NLP No. **500-493-7**  
CAS RN **161074-60-8**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with alcohols, C10-16 and 3-aminomethyl-3,5,5-trimethylcyclohexylamine

NLP No. **500-494-2**  
CAS RN **161074-61-9**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with isophthalic acid and triethylenetetramine

NLP No. **500-495-8**  
CAS RN **161074-62-0**  
Rosin, tall-oil, fumarated, oligomeric reaction products with pentaerythritol

NLP No. **500-496-3**  
CAS RN **161074-64-2**  
Rosin, tall-oil, fumarated, oligomeric reaction products with paraformaldehyde

NLP No. **500-497-9**  
CAS RN **161074-65-3**  
Protein hydrolyzates, soya, reaction products with C8-18-alkanoyl chloride, sodium salts

NLP No. **500-498-4**  
CAS RN **161074-66-4**  
Glutens, hydrolyzates, reaction products with lauroyl chloride

NLP No. **500-500-3**  
CAS RN **161074-67-5**  
Glutens, hydrolyzates, reaction products with lauroyl chloride, sodium salts

NLP No. **500-501-9**  
CAS RN **161074-68-6**  
Collagens, hydrolyzates, reaction products with propionyl chloride

NLP No. **500-502-4**  
CAS RN **161074-69-7**  
Keratins, hydrolyzates, reaction products with lauroyl chloride, triethanolamine salts

NLP No. **500-504-5**  
CAS RN **161074-70-0**  
Protein hydrolyzates, soya, reaction products with C8-18-alkanoyl chloride, potassium salts

NLP No. **500-505-0**  
CAS RN **161074-71-1**  
Keratins, hydrolyzates,  
N-[3-[[3-(C8-18-alkanoylamino)propyl]dimethylammonio]-2-hydroxypropyl], inner salts

NLP No. **500-506-6**  
CAS RN **161074-72-2**  
Protein hydrolyzates, soya,  
N-[3-[[3-(C8-18-alkanoylamino)propyl]dimethylammonio]-2-hydroxypropyl], inner salts

NLP No. **500-507-1**  
CAS RN **161074-73-3**  
Glutens, hydrolyzates, N-[3-[[3-(C8-18-alkanoylamino)propyl]dimethylammonio]-  
2-hydroxypropyl], inner salts

NLP No. **500-508-7**  
CAS RN **161074-74-4**  
Keratins, hydrolyzates, reaction products with lauroyl chloride, sodium salts

NLP No. **500-509-2**  
CAS RN **161074-75-5**  
Keratins, hydrolyzates, reaction products with lauroyl chloride, potassium salts

NLP No. **500-510-8**  
CAS RN **161074-76-6**  
Collagens, hydrolyzates, reaction products with lauroyl chloride

NLP No. **500-511-3**  
CAS RN **161074-77-7**  
Collagens, hydrolyzates, reaction products with lauroyl chloride, sodium salts

NLP No. **500-512-9**  
CAS RN **161074-78-8**  
Alcohols, C12-16, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-513-4**  
CAS RN **161074-79-9**  
Alcohols, C12-13, branched and linear, ethoxylated, sulfates, sodium salts  
(*>1 <2.5 mol EO*)

NLP No. **500-515-5**  
CAS RN **161074-80-2**  
4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-(2-butoxyethoxy) ethanol and 2,2'-thiodiethanol

NLP No. **500-516-0**  
CAS RN **161074-81-3**  
4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-(2-butoxyethoxy) ethanol and 2-[(2-ethylhexyl)oxy]ethanol

NLP No. **500-517-6**  
CAS RN **161074-82-4**  
4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-[(2-ethylhexyl)oxy] ethanol and methanol

NLP No. **500-518-1**  
CAS RN **161074-83-5**  
4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-[(2-ethylhexyl)oxy] ethanol

NLP No. **500-519-7**  
CAS RN **161074-84-6**  
4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-ethylhexan-1-ol and 2-hexyloxyethanol

NLP No. **500-520-2**  
CAS RN **161074-85-7**  
D-Glucopyranose, oligomers, decyl glycosides

NLP No. **500-521-8**  
CAS RN **161074-86-8**  
D-Glucopyranose, oligomers, branched and linear undecyl glycosides

NLP No. **500-522-3**  
CAS RN **161074-87-9**  
D-Glucopyranose, oligomers, lauryl glycosides

NLP No. **500-523-9**  
CAS RN **161074-88-0**  
D-Glucopyranose, oligomers, branched dodecyl glycosides

NLP No. **500-524-4**  
CAS RN **161074-89-1**  
D-Glucopyranose, oligomers, cetyl glycosides

NLP No. **500-526-5**  
CAS RN **161074-90-4**  
D-Glucopyranose, oligomers, stearyl glycosides

NLP No. **500-527-0**  
CAS RN **161074-91-5**  
D-Glucopyranose, oligomers, oleyl glycosides

NLP No. **500-528-6**  
CAS RN **161074-92-6**  
D-Glucopyranose, oligomers, undecenyl glycosides

NLP No. **500-529-1**  
CAS RN **161074-93-7**  
D-Glucopyranose, oligomers, 2-ethylhexyl glycosides

NLP No. **500-530-7**  
CAS RN **161074-94-8**  
D-Glucopyranose, oligomers, branched decyl glycosides

NLP No. **500-531-2**  
CAS RN **161074-95-9**  
D-Glucopyranose, oligomers, cholesteryl glycosides

NLP No. **500-532-8**  
CAS RN **161074-96-0**  
D-Glucopyranose, oligomers, octyl glycosides

NLP No. **500-533-3**  
CAS RN **161074-97-1**  
D-Glucopyranose, oligomers, C8-10-alkyl glycosides

NLP No. **500-534-9**  
CAS RN **161074-98-2**  
D-Glucopyranose, oligomers, monotartrate, coco alkyl glycosides

NLP No. **500-535-4**  
CAS RN **161074-99-3**  
D-Glucopyranose, oligomers, monocitrate, coco alkyl glycosides

NLP No. **500-537-5**  
CAS RN **161075-00-9**  
Hexafluoropropene, oxidized, oligomers, reduced, fluorinated

NLP No. **500-538-0**  
CAS RN **161075-01-0**  
Hexafluoropropene, oxidized, oligomers, reduced, decarboxylated

NLP No. **500-539-6**  
CAS RN **161075-02-1**  
Tetrafluoroethylene, oxidized, oligomers, reduced, decarboxylated

NLP No. **500-540-1**  
CAS RN **161075-03-2**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, hydrolyzed

NLP No. **500-541-7**  
CAS RN **161075-04-3**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reaction products with ammonia

NLP No. **500-542-2**  
CAS RN **161075-05-4**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reaction products with ammonia, reduced

NLP No. **500-543-8**  
CAS RN **161075-06-5**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reaction products with ethylenediamine

NLP No. **500-544-3**  
CAS RN **161075-07-6**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reaction products with 3-aminopropyltriethoxysilane

NLP No. **500-545-9**  
CAS RN **161075-08-7**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reduced, reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-546-4**

CAS RN **161075-09-8**

Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reduced, reaction products with 2,3-epoxypropan-1-ol

NLP No. **500-548-5**

CAS RN **161075-10-1**

Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reduced, reaction products with propylene oxide

NLP No. **500-549-0**

CAS RN **161075-11-2**

Tetrafluoroethylene, oxidized, oligomers, reduced, reaction products with bromine

NLP No. **500-550-6**

CAS RN **161075-12-3**

Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters

NLP No. **500-551-1**

CAS RN **161075-13-4**

Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reaction products with ammonia, dehydrated

NLP No. **500-552-7**

CAS RN **161075-14-5**

Hexafluoropropene, oxidized, oligomers, reduced and hydrolyzed

NLP No. **500-553-2**

CAS RN **161075-15-6**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced

NLP No. **500-554-8**

CAS RN **161133-57-9**

Collagens, hydrolyzates, reaction products with lauroyl chloride, potassium salts

NLP No. **500-555-3**

CAS RN **161133-58-0**

Collagens, hydrolyzates, reaction products with lauroyl chloride, triethanolamine salts

NLP No. **500-556-9**

CAS RN **161133-59-1**

Collagens, hydrolyzates, reaction products with undecenoyl chloride, sodium salts

NLP No. **500-557-4**

CAS RN **161133-60-4**

Collagens, hydrolyzates, reaction products with undecenoyl chloride

NLP No. **500-559-5**

CAS RN **161133-61-5**

Collagens, hydrolyzates, reaction products with undecenoyl chloride, triethanolamine salts

NLP No. **500-560-0**  
CAS RN **161133-62-6**  
Keratins, hydrolyzates, reaction products with palmitoyl chloride

NLP No. **500-561-6**  
CAS RN **161133-63-7**  
Caseins, hydrolyzates, reaction products with palmitoyl chloride

NLP No. **500-562-1**  
CAS RN **161133-64-8**  
Collagens, hydrolyzates, reaction products with palmitoyl chloride

NLP No. **500-563-7**  
CAS RN **161133-65-9**  
Keratins, hydrolyzates, reaction products with octanoyl chloride

NLP No. **500-564-2**  
CAS RN **161133-66-0**  
Collagens, hydrolyzates, reaction products with octanoyl chloride, aluminum salts

NLP No. **500-565-8**  
CAS RN **161133-67-1**  
Collagens, hydrolyzates, reaction products with octanoyl chloride

NLP No. **500-566-3**  
CAS RN **161133-68-2**  
Fatty acids, tall-oil, reaction products with polyethylenepolyamines, ethoxylated

NLP No. **500-567-9**  
CAS RN **161133-69-3**  
Alcohols, C12-16, branched, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-568-4**  
CAS RN **161133-70-6**  
Alcohols, C16-20, branched, ethoxylated  
(*>1 <2.5 mol EO*)

NLP No. **500-570-5**  
CAS RN **162162-67-6**  
Hexafluoropropene, oligomeric reaction products with 1,1-difluoroethylene and tetrafluoro ethylene, telomers with fluorine

NLP No. **500-571-0**  
CAS RN **161212-10-8**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol, reduced

NLP No. **500-572-6**  
CAS RN **161212-11-9**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with glycine

NLP No. **500-573-1**  
CAS RN **161212-12-0**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with 6-aminocaproic acid

NLP No. **500-574-7**  
CAS RN **161212-13-1**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol and diethylenetriamine

NLP No. **500-575-2**  
CAS RN **161212-14-2**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol and 2-aminoethanol

NLP No. **500-576-8**  
CAS RN **161212-15-3**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol and 2,2'-iminodiethanol

NLP No. **500-577-3**  
CAS RN **161212-16-4**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced, reaction products with propylene oxide, chloroacetyl chloride and pyridine

NLP No. **500-578-9**  
CAS RN **161212-17-5**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, hydrolyzed

NLP No. **500-579-4**  
CAS RN **161212-18-6**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with ammonia

NLP No. **500-581-5**  
CAS RN **161212-19-7**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with ammonia, reduced

NLP No. **500-582-0**  
CAS RN **161212-20-0**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol, reduced, reaction products with methacrylic anhydride

NLP No. **500-583-6**  
CAS RN **161212-21-1**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol and 3-aminopropyltriethoxysilane



NLP No. **500-584-1**  
CAS RN **161212-22-2**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol and octadecylamine

NLP No. **500-585-7**  
CAS RN **161212-23-3**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol

NLP No. **500-586-2**  
CAS RN **161212-24-4**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol, reduced, reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-587-8**  
CAS RN **161212-25-5**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol and ethylenediamine

NLP No. **500-588-3**  
CAS RN **161212-26-6**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with glycine

NLP No. **500-589-9**  
CAS RN **161212-27-7**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with 6-aminocaproic acid

NLP No. **500-590-4**  
CAS RN **161212-28-8**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol and 2-aminoethanol

NLP No. **500-592-5**  
CAS RN **161212-29-9**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with ammonia, dehydrated

NLP No. **500-593-0**  
CAS RN **161278-02-0**  
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with 2,4'-diisocyanatodiphenylmethane, polyethoxylated and polypropoxylated glycerol and .alpha.-hydro-.omega.- hydroxypoly[oxy (methyl-1,2-ethanediyl)]

NLP No. **500-594-6**  
CAS RN **161278-05-3**  
Isoheptan-1-ol, ethoxylated, carboxymethyl ethers  
( $>1 < 2.5$  mol EO)

NLP No. **500-595-1**

CAS RN **161278-06-4**

Polymethylenepolyphenylene polyisocyanate, oligomeric reaction products with 2,2-bis(bromomethyl) propane-1,3-diol, polyethoxylated and polypropoxylated glycerol grafted with acrylonitrile and styrene, toluene diisocyanate and .alpha.,.alpha.',.alpha."-1,2,3-propanetriyltris[.omega.-hydroxypoly[oxy(methyl- 1,2-ethanediyl)]]

NLP No. **500-596-7**

CAS RN **161278-07-5**

Toluene diisocyanate, oligomeric reaction products with 2,2-bis(bromomethyl)propane-1,3diol, polyethoxylated and polypropoxylated glycerol, water and .alpha.,.alpha.',.alpha."-1,2,3-propanetriyltris [.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]]

NLP No. **500-597-2**

CAS RN **161278-08-6**

m-Phenylenebis(methylamine), oligomeric reaction products with 1,6-bis(2,3-epoxypropoxy) hexane, reaction products with 2,3-epoxypropyl neodecanoate

NLP No. **500-598-8**

CAS RN **161278-09-7**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2,3-epoxypropyl neodecanoate and m-phenylenebis(methylamine)

NLP No. **500-599-3**

CAS RN **161278-10-0**

Polymethylenepolyphenylene polyisocyanate, oligomeric reaction products with polyethoxylated and polypropoxylated glycerol, polyethoxylated and polypropoxylated glycerol grafted with acrylonitrile and styrene, toluene diisocyanate and water

NLP No. **500-600-7**

CAS RN **161278-11-1**

Polymethylenepolyphenylene polyisocyanate, oligomeric reaction products with 2,2-bis(bromomethyl) propane-1,3-diol, polyethoxylated and polypropoxylated glycerol, toluene diisocyanate and water

NLP No. **500-601-2**

CAS RN **161278-12-2**

Polymethylenepolyphenylene polyisocyanate, oligomeric reaction products with 2,2-bis(bromomethyl)-propane-1,3-diol, polyethoxylated and polypropoxylated glycerol, .alpha., .alpha.' ,.alpha." -1,2,3-propanetriyltris[.omega.-hydroxypoly[oxy(methyl-1,2-ethanediyl)]], toluene diisocyanate and water

NLP No. **500-602-8**

CAS RN **161278-13-3**

Terephthalic acid, oligomeric reaction products with 2,2'-oxydiethanol and tetrabromoterephthalic anhydride

NLP No. **500-603-3**

CAS RN **161278-14-4**

1-Naphthaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and o-cresol

NLP No. **500-604-9**

CAS RN **161278-15-5**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with .alpha.-(4-aminocyclohexyl)-p-toluidine

NLP No. **500-605-4**

CAS RN **161278-16-6**

Butane-1,4-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with bicyclo[2.2.1]heptanebis(methylamine)

NLP No. **500-607-5**

CAS RN **161278-17-7**

Formaldehyde, oligomeric reaction products with 4,4'-isopropylidenediphenol and m-phenylenebis(methylamine)

NLP No. **500-608-0**

CAS RN **161278-18-8**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with diethylenetriamine and triethylenetetramine

NLP No. **500-609-6**

CAS RN **161278-19-9**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 2-piperazin-1-ylethylamine

NLP No. **500-610-1**

CAS RN **161278-20-2**

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with diethylenetriamine and triethylenetetramine

NLP No. **500-611-7**

CAS RN **161278-21-3**

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine

NLP No. **500-612-2**

CAS RN **161278-22-4**

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 2-piperazin-1-ylethylamine

NLP No. **500-613-8**

CAS RN **161278-23-5**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with propylene oxide and triethylenetetramine

NLP No. **500-614-3**

CAS RN **161278-24-6**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine) and trimethylhexane-1,6-diamine

NLP No. **500-615-9**

CAS RN **161278-25-7**

Cyclohexane-1,2-dicarboxylic anhydride, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4,4'-methylenedianiline

NLP No. **500-616-4**

CAS RN **161278-26-8**

Hexamethylene diisocyanate, oligomers, reaction products with 3-aminopropylmethylamine, trimethylacetaldehyde and 3-trimethoxysilylpropane-1-thiol

NLP No. **500-618-5**

CAS RN **161278-27-9**

Paraformaldehyde, oligomeric reaction products with 4-*tert*-butylphenol, 4-nonylphenol, m-phenylenebis(methylamine) and trimethylhexane-1,6-diamine

NLP No. **500-619-0**

CAS RN **161278-28-0**

Hexane-1,6-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with trimethylhexane-1,6-diamine

NLP No. **500-620-6**

CAS RN **161278-29-1**

Cyclohex-1,4-ylenedimethanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with trimethylhexane-1,6-diamine

NLP No. **500-621-1**

CAS RN **161278-30-4**

Cyclohex-1,4-ylenedimethanol, oligomeric reaction products with dimethyl adipate, dimethyl glutarate and dimethyl succinate

NLP No. **500-622-7**

CAS RN **161278-31-5**

Formaldehyde, oligomeric reaction products with 4-heptylphenol, calcium salts

NLP No. **500-623-2**

CAS RN **161278-32-6**

Hexamethylene diacrylate, oligomeric reaction products with 1,6-bis(2,3-epoxypropoxy) hexane and octahydro-4,7-methano-1H-indenedimethylamine

NLP No. **500-624-8**

CAS RN **161278-33-7**

Heptanal, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

NLP No. **500-625-3**

CAS RN **161278-34-8**

Azelaic acid, oligomeric reaction products with diethylenetriamine

NLP No. **500-626-9**

CAS RN **161278-35-9**

Formaldehyde, oligomeric reaction products with 3,3'-iminodi(propylamine)

NLP No. **500-627-4**

CAS RN **161278-36-0**

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with diethylenetriamine

NLP No. **500-629-5**

CAS RN **161278-37-1**

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 2-piperazin-1-ylethylamine

NLP No. **500-630-0**

CAS RN **161278-38-2**

4,4'-Isopropylidenediphenol, oligomeric reaction products with cyanogen chloride and 4,4'-methylenedi-2,6-xyleneol

NLP No. **500-631-6**

CAS RN **161278-39-3**

\* Poly(1,1,2,2-tetrafluoro-1,2-ethanediyl), .alpha.-fluoro-.omega.-2-[3-((carboxylatomethyl) dimethylammonio)propylaminosulfonyl]ethyl

NLP No. **500-632-1**

CAS RN **161278-40-6**

2-Butyloctanoic acid, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-633-7**

CAS RN **161278-41-7**

2-Hexyldecanoic acid, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-634-2**

CAS RN **161278-42-8**

2-Decyltetradecanoic acid, ethoxylated  
(>1 <2.5 mol EO)

NLP No. **500-635-8**

CAS RN **161278-44-0**

Hexafluoropropene, oligomeric reaction products with tetrafluoroethylene, telomers with pentafluoroethyl hypofluorite

NLP No. **500-636-3**

CAS RN **161278-45-1**

Hexafluoropropene, oligomeric reaction products with 1,1-difluoroethylene and tetrafluoroethylene, telomers with trifluoromethyl hypofluorite

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-637-9**

CAS RN **161307-99-9**

3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers, reaction products with diisopropylamine

NLP No. **500-638-4**

CAS RN **161308-00-5**

Pentaerythritol, propoxylated, reaction products with 3-isocyanato-3,5,5-trimethylcyclohexyl isocyanate and 3-trimethoxysilylpropane-1-thiol  
(*>1 <8.5 mol PO*)

NLP No. **500-640-5**

CAS RN **161308-01-6**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and propoxylated propylenediamine  
(*>1 <8.5 mol PO*)

NLP No. **500-641-0**

CAS RN **161308-02-7**

Adipic acid, oligomeric reaction products with decanoic acid, isooctadecanoic acid, octanoic acid and pentaerythritol

NLP No. **500-642-6**

CAS RN **161308-03-8**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with butan-1-ol

NLP No. **500-643-1**

CAS RN **161308-04-9**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4-*tert*-butylphenol and trimethylhexane-1,6-diamine

NLP No. **500-644-7**

CAS RN **161308-05-0**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with *o*-cresol and trimethylhexane-1,6-diamine

NLP No. **500-645-2**

CAS RN **161308-06-1**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-[(6-aminotrimethylhexyl)amino]propionitrile

NLP No. **500-646-8**

CAS RN **161308-07-2**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2,2-dimethylpropane-1,3-diamine

NLP No. **500-647-3**

CAS RN **161308-08-3**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 4-*tert*-butylphenol and 3,3'-iminodi(propylamine)

NLP No. **500-648-9**  
CAS RN **161308-09-4**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane,  
reaction products with butan-1-ol and octahydro-4,7-methano-1H-indene-1(2),5(6)di(methylamine)

NLP No. **500-649-4**  
CAS RN **161308-10-7**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane,  
reaction products with octahydro-4,7-methano-1H-indene-1(2),5(6)-di(methylamine)

NLP No. **500-651-5**  
CAS RN **161308-11-8**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane,  
reaction products with o-cresol and m-phenylenebis(methylamine)

NLP No. **500-652-0**  
CAS RN **161308-12-9**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane,  
reaction products with butan-1-ol and 3-aminomethyl-3,5,5-trimethylcyclohexylamine

NLP No. **500-653-6**  
CAS RN **161308-13-0**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane,  
reaction products with hydrogen chloride

NLP No. **500-654-1**  
CAS RN **161308-14-1**  
Hexamethylene diisocyanate, oligomers, reaction products with pentaerythritol triacrylate

NLP No. **500-655-7**  
CAS RN **161308-15-2**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane,  
reaction products with biphenyl-4-ol

NLP No. **500-656-2**  
CAS RN **161308-16-3**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with ammonia

NLP No. **500-657-8**  
CAS RN **161308-17-4**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with ammonia, reduced

NLP No. **500-658-3**  
CAS RN **161308-18-5**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced,  
reaction products with ethylene oxide and methacrylic anhydride

NLP No. **500-659-9**

CAS RN **161308-19-6**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced, reaction products with methacrylic anhydride

NLP No. **500-660-4**

CAS RN **161308-20-9**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol and 3-aminopropyltriethoxysilane

NLP No. **500-662-5**

CAS RN **161308-21-0**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol and octadecylamine

NLP No. **500-663-0**

CAS RN **161308-22-1**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol

NLP No. **500-664-6**

CAS RN **161308-23-2**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with ammonia, dehydrated

NLP No. **500-665-1**

CAS RN **161308-24-3**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced, reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-666-7**

CAS RN **161308-25-4**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol and ethylenediamine

NLP No. **500-667-2**

CAS RN **161308-26-5**

Tetradecyloxirane, oligomers, monoesters with boric acid

NLP No. **500-668-8**

CAS RN **161308-27-6**

Phthalic anhydride, oligomeric reaction products with benzoic acid and 2,2'-(ethylenedioxy) diethanol

NLP No. **500-669-3**

CAS RN **161308-28-7**

Phthalic anhydride, oligomeric reaction products with 2,2,2,2'-tetrakis(hydroxymethyl)-3,3'-oxydipropan-1-ol, reaction products with acrylic acid

NLP No. **500-670-9**

CAS RN **161308-29-8**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and 1,6-bis(2,3-epoxypropoxy)hexane, reaction products with acrylic acid



NLP No. **500-671-4**  
CAS RN **161308-30-1**  
Phthalic anhydride, oligomeric reaction products with isodecanol and 2,2'-oxydiethanol

NLP No. **500-673-5**  
CAS RN **161308-31-2**  
Formaldehyde, oligomeric reaction products with 4-*tert*-butylphenol and 1,3-cyclohexanedimethanamine

NLP No. **500-674-0**  
CAS RN **161345-54-6**  
Hexane-1,6-diol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with bicyclo[2.2.1]heptanebis(methylamine)

NLP No. **500-675-6**  
CAS RN **162063-19-6**  
Alcohols, C13-15, branched and linear, ethoxylated, sulfates, sodium salts  
(2.0 mol EO)

NLP No. **500-676-1**  
CAS RN **162162-68-7**  
Cyanuric acid, oligomeric reaction products with acrylic acid and 1-chloro-2,3-epoxypropane

NLP No. **500-677-7**  
CAS RN **162260-06-2**  
Fatty acids, C22-unsatd., dimers

NLP No. **500-678-2**  
CAS RN **162260-07-3**  
Fatty acids, C22-unsatd., dimers, hydrogenated

NLP No. **500-679-8**  
CAS RN **162260-08-4**  
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with 2-(2-aminoethylamino) ethanol, 5(or 6)-carboxy-4-hexylcyclohex-2-ene-1-octanoic acid, 4,4'-isopropylidenediphenol 1-chloro-2,3-epoxypropane co-oligomer, pentaethylenehexamine and tall-oil fatty acids, salts with formic acid

NLP No. **500-680-3**  
CAS RN **162260-09-5**  
Collagens, hydrolyzates, reaction products with undecenoyl chloride, aluminium salts

NLP No. **500-681-9**  
CAS RN **162260-10-8**  
Collagens, hydrolyzates,  
N-[3-[[3-(C8-18-alkanoylamino)propyl]dimethylammonio]-2-hydroxypropyl], inner salts

NLP No. **500-682-4**  
CAS RN **162260-11-9**  
Keratins, hydrolyzates, reaction products with lauroyl chloride

NLP No. **500-684-5**  
CAS RN **162303-48-2**  
m-Phenylenebis(methylamine), oligomeric reaction products with 1,6-bis(2,3-epoxypropoxy) hexane and butyl 2,3-epoxypropyl ether

NLP No. **500-685-0**  
CAS RN **162303-49-3**  
m-Phenylenebis(methylamine), oligomeric reaction products with 1,3-bis(2,3-epoxypropoxy)-2,2-dimethylpropane and butyl 2,3-epoxypropyl ether

NLP No. **500-686-6**  
CAS RN **162303-50-6**  
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, glyoxal and phenol

NLP No. **500-687-1**  
CAS RN **162303-51-7**  
\*Tetra-n-butyl titanate, polymer with water

NLP No. **500-688-7**  
CAS RN **162303-52-8**  
Tetrabromophthalic anhydride, oligomeric reaction products with dimethyl adipate, dimethyl glutarate, dimethyl succinate, glycerol and oxydipropanol

NLP No. **500-689-2**  
CAS RN **162303-53-9**  
Dimethyl terephthalate, oligomeric reaction products with dimethyl adipate, dimethyl glutarate, dimethyl succinate and oxydipropanol

NLP No. **500-690-8**  
CAS RN **162303-54-0**  
Oxydipropanol, oligomeric reaction products with 1-chloro-2,3-epoxypropane

NLP No. **500-691-3**  
CAS RN **162303-55-1**  
2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and polymethylenepolyphenylene polyisocyanate

NLP No. **500-692-9**  
CAS RN **162303-56-2**  
Formaldehyde, oligomeric reaction products with (-)-pin-2-ene, pin-2(10)-ene and phenol

NLP No. **500-693-4**  
CAS RN **162303-57-3**  
N-(2-aminoethyl)-1,3-propanediamine, oligomeric reaction products with N,N'-bis(3-aminopropyl) ethylenediamine and bis[(dimethylamino)methyl]phenol

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-695-5**

CAS RN **162353-58-4**

Protein hydrolyzates, soya, reaction products with cocoyl chloride, potassium salts

NLP No. **500-696-0**

CAS RN **162353-59-5**

Protein hydrolyzates, silk, reaction products with C10-20 and C10-20-unsatd. alkyl, (3-chloro-2-hydroxypropyl)dimethyl ammonium chlorides

NLP No. **500-697-6**

CAS RN **162353-60-8**

Protein hydrolyzates, wheat, reaction products with cocoyl chloride, potassium salts

NLP No. **500-698-1**

CAS RN **162353-61-9**

Rosin, oligomeric reaction products with tall-oil, tall-oil fatty acids and formaldehyde

NLP No. **500-699-7**

CAS RN **162353-62-0**

Rosin, oligomeric reaction products with glycerol and phenol

NLP No. **500-700-0**

CAS RN **162353-63-1**

Fatty acids, tall-oil, trimers

NLP No. **500-701-6**

CAS RN **162353-64-2**

Polyethylenepolyamines, reaction products with acetic acid, docosanoic acid and stearic acid

NLP No. **500-702-1**

CAS RN **162353-65-3**

Polyethylenepolyamines, reaction products with acetic acid, docosanoic acid and phthalic anhydride

NLP No. **500-703-7**

CAS RN **162353-66-4**

Polyethylenepolyamines, reaction products with docosanoic acid and stearic acid

NLP No. **500-704-2**

CAS RN **162353-67-5**

Naphtha (petroleum), light steam-cracked, C5-fraction, oligomeric reaction products with tall-oil

NLP No. **500-705-8**

CAS RN **162353-68-6**

Fatty acids, C18-unsatd., dimers, hydrogenated, reaction products with fatty acids, C8-10 and propylidenetrimethanol

NLP No. **500-706-3**

CAS RN **162353-69-7**

Fatty acids, C18-unsatd., dimers, hydrogenated, reaction products with fatty acids, C14-18 and C16-18-unsatd. and propylidenetrimethanol

NLP No. **500-707-9**

CAS RN **162353-70-0**

Fatty acids, C18-unsatd., dimers, reaction products with fatty acids, C14-18 and C16-18-unsatd. and propylidynetrimethanol

NLP No. **500-708-4**

CAS RN **162353-71-1**

Fatty acids, C18-unsatd., dimers, hydrogenated, reaction products with 2,2'-dimethylpropane-1,3-diol and fatty acids, C14-18 and C18-unsatd., branched and linear

NLP No. **500-710-5**

CAS RN **162353-72-2**

Heptanoic acid, reaction products with hexamethylenediamine, oligomeric reaction products with fatty acids, C18-unsatd., dimers

NLP No. **500-711-0**

CAS RN **162353-73-3**

Protein hydrolyzates, silk, reaction products with cocoyl chloride

NLP No. **500-712-6**

CAS RN **162353-74-4**

Elastins, hydrolyzates, reaction products with cocoyl chloride

NLP No. **500-713-1**

CAS RN **162353-75-5**

Protein hydrolyzates, wheat, reaction products with cocoyl chloride

NLP No. **500-714-7**

CAS RN **162353-76-6**

Collagens, hydrolyzates, reaction products with cocoyl chloride, triethanolamine salts

NLP No. **500-715-2**

CAS RN **162353-77-7**

Keratins, hydrolyzates, reaction products with cocoyl chloride, triethanolamine salts

NLP No. **500-716-8**

CAS RN **162353-78-8**

Collagens, hydrolyzates, reaction products with cocoyl chloride, potassium salts

NLP No. **500-717-3**

CAS RN **162491-85-2**

Acetaldehyde, reaction products with formaldehyde, by-products from, propoxylated, oligomeric reaction products with dimethyl adipate, dimethyl glutarate and dimethyl succinate

NLP No. **500-718-9**

CAS RN **162491-86-3**

*.epsilon.*-Caprolactone, reaction products with hexamethylenediamine, oligomeric reaction products with fatty acids, C18-unsatd., dimers

NLP No. **500-719-4**

CAS RN **162491-87-4**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2,3-epoxypropyl neodecanoate and ethylenediamine-linoleic acid dimers, co-oligomer

NLP No. **500-721-5**

CAS RN **162491-88-5**

\* Tetrafluoroethylene, homopolymer, telomers with pentafluoroiodoethane, reaction products with ethylene, hydrolyzed, reaction products with 2,3-epoxypropan-1-ol, octadecan-1-ol and 1,3,5-tris(6-isocyanatohexyl)biuret

NLP No. **500-722-0**

CAS RN **162491-89-6**

1-Chloro-2,3-epoxypropane, oligomers, reaction products with 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulphonyl chloride, 4-hydroxybenzoic acid and propylidynetrimethanol

NLP No. **500-723-6**

CAS RN **162491-90-9**

Hexamethylene diisocyanate, trimers, reaction products with (3-aminopropyl)methylamine, benzaldehyde and 3-trimethoxysilylpropane-1-thiol

NLP No. **500-724-1**

CAS RN **162491-91-0**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and o-cresol, reaction products with 4,4'-methylenedianiline

NLP No. **500-725-7**

CAS RN **162491-92-1**

Formaldehyde, oligomeric reaction products with aniline, reaction products with butan-1-ol and 1-chloro-2,3-epoxypropane

NLP No. **500-726-2**

CAS RN **162491-93-2**

Glycerol, propoxylated, reaction products with 2-hydroxyethyl acrylate and 4-methyl-m-phenylene diisocyanate

(>1 <6.5 mol PO)

NLP No. **500-727-8**

CAS RN **162491-94-3**

Hexamethylene diisocyanate, trimers, reaction products with butanone oxime

NLP No. **500-728-3**

CAS RN **162491-96-5**

Glycerol, propoxylated, reaction products with 2-hydroxyethyl acrylate and 4,4'-methylenedicyclohexyl diisocyanate

(>1 <6.5 mol PO)

\* Consisting of 50 wt % or more of species of the same M.Wt.

NLP No. **500-729-9**

CAS RN **162491-97-6**

Glycerol, propoxylated, reaction products with 2-hydroxyethyl acrylate and 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate  
(>1 <6.5 mol PO)

NLP No. **500-730-4**

CAS RN **162491-98-7**

Glycerol, propoxylated, reaction products with 1,3-bis(1-isocyanato-1-methylethyl)benzene and 2-hydroxyethyl acrylate  
(>1 <6.5 mol PO)

NLP No. **500-732-5**

CAS RN **162491-99-8**

Glycerol, propoxylated, reaction products with 1,3-bis(1-isocyanato-1-methylethyl)benzene, 2-hydroxyethyl acrylate and 2-hydroxypropyl methacrylate  
(>1 <6.5 mol PO)

NLP No. **500-733-0**

CAS RN **162492-00-4**

Propylene oxide, oligomers, reaction products with 2-hydroxyethyl acrylate and 1,3-bis(1-isocyanato-1-methylethyl)benzene

NLP No. **500-734-6**

CAS RN **162492-01-5**

Hexamethylene diisocyanate, trimers, reaction products with 2-hydroxyethyl acrylate

NLP No. **500-735-1**

CAS RN **162492-02-6**

Glycerol, propoxylated, esters with acrylic acid, reaction products with 2-ethylhexylamine  
(>1 <6.5 mol PO)

NLP No. **500-736-7**

CAS RN **162492-03-7**

Glycerol, propoxylated, esters with acrylic acid, reaction products with diethylamine and ethylenediamine (>1 <6.5 mol PO)

NLP No. **500-737-2**

CAS RN **162492-04-8**

Glycerol, propoxylated, esters with acrylic acid, reaction products with 2-aminoethanol  
(>1 <6.5 mol PO)

NLP No. **500-738-8**

CAS RN **162492-05-9**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with ethylenediamine-linoleic acid dimers co-oligomer

NLP No. **500-739-3**

CAS RN **162492-06-0**

Hexamethylene diisocyanate, oligomers, reaction products with 2-ethylhexan-1-ol and *epsilon*-caprolactone, oligomers, 2-[(1-oxo-2-propenyl)oxy]ethyl esters

NLP No. **500-740-9**  
CAS RN **162492-07-1**  
Hexamethylene diisocyanate, oligomers, reaction products with 3-methoxypropylamine

NLP No. **500-741-4**  
CAS RN **162492-08-2**  
Hexamethylene diisocyanate, oligomers, reaction products with 2-ethylhexane-1,3-diol

NLP No. **500-743-5**  
CAS RN **162492-09-3**  
Linoleic acid, dimers, reaction products with acrylic acid and pentaerythritol

NLP No. **500-744-0**  
CAS RN **162492-10-6**  
Glycerol, propoxylated, esters with acrylic acid, reaction products with diethylamine  
(*>1 <6.5 mol PO*)

NLP No. **500-745-6**  
CAS RN **162492-11-7**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced,  
reaction products with ethylene oxide, tosyl chloride and pyridine

NLP No. **500-746-1**  
CAS RN **162492-12-8**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced,  
reaction products with ethylene oxide, chloroacetyl chloride and pyridine

NLP No. **500-747-7**  
CAS RN **162492-13-9**  
Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced,  
reaction products with ethylene oxide

NLP No. **500-748-2**  
CAS RN **162492-14-0**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reduced, reaction products with  
ethylene oxide and methacrylic anhydride

NLP No. **500-749-8**  
CAS RN **162492-15-1**  
Tetrafluoroethylene, oxidized, oligomers, reduced, methyl esters, reduced, reaction products with  
ethylene oxide

NLP No. **500-750-3**  
CAS RN **162492-16-2**  
4,4'-Methylenediphenyl diisocyanate, oligomers, reaction products with 2-(2-butoxyethoxy) ethanol  
and 2-hydroxy-2-phenylacetophenone

NLP No. **500-751-9**  
CAS RN **162492-17-3**  
Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with  
methanol, reduced, reaction products with ethylene oxide

NLP No. **500-752-4**

CAS RN **162492-18-4**

Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol, reduced, reaction products with ethylene oxide and methacrylic anhydride

NLP No. **500-754-5**

CAS RN **162492-19-5**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane and 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol, reaction products with polymethylenepolyphenylene polyisocyanate

NLP No. **500-755-0**

CAS RN **162492-20-8**

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with acrylic acid

NLP No. **500-756-6**

CAS RN **162492-21-9**

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with acrylic acid and lauric acid

NLP No. **500-757-1**

CAS RN **162492-22-0**

Hexafluoropropene, oxidized, oligomers, reduced, hydrolyzed, salts with N8,N8, 3-trimethyl-2,8-phenazinediamine

NLP No. **500-758-7**

CAS RN **162492-23-1**

1,3-Bis(1-isocyanato-1-methylethyl)benzene, oligomeric reaction products with propyridenetrimehanol, reaction products with butanone oxime

NLP No. **500-759-2**

CAS RN **162492-24-2**

Propyridenetrimehanol, ethoxylated, reaction products with acrylic acid and dipropylamine (>1 <6.5 mol EO)

NLP No. **500-760-8**

CAS RN **162567-73-9**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced, reaction products with ethylene oxide, phosphoryl trichloride and morpholine

NLP No. **500-761-3**

CAS RN **162567-74-0**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced, reaction products with ethylene oxide and phosphoryl trichloride, hydrolyzed

NLP No. **500-763-4**

CAS RN **162567-75-1**

Hexafluoropropene, oxidized, oligomers, reduced, reaction products with methanol, reduced, reaction products with ethylene oxide and phosphoryl trichloride, hydrolyzed, salts with 2,2'-nitrilodiethanol



NLP No. **500-765-5**

CAS RN **162567-76-2**

Hexafluoropropene, oxidized, oligomers, telomers with chlorine, reduced, reaction products with methanol, reduced, reaction products with ethylene oxide and phosphoryl trichloride, hydrolyzed

NLP No. **500-766-0**

CAS RN **162567-77-3**

Alcohols, C16-18, ethoxylated, phosphates, bis(2-hydroxyethyl) ammonium salts  
( $>1 < 2.5$  mol EO)

NLP No. **500-767-6**

CAS RN **162774-08-5**

Rosin, tall-oil, oligomeric reaction products with tall-oil, tall-oil fatty acids and formaldehyde

NLP No. **500-768-1**

CAS RN **162811-69-0**

Protein hydrolyzates, silk, reaction products with 1-chloro-2,3-epoxypropane and coco alkyl amines

NLP No. **500-769-7**

CAS RN **162811-70-3**

3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers, reaction products with pentaerythritol triacrylate

NLP No. **500-770-2**

CAS RN **64448-68-6**

4,4'-methylenediphenol oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with acrylic acid

NLP No. **500-771-8**

CAS RN: **270923-16-5**

C10-16 alcohols, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with acrylic acid

NLP No: **500-772-3**

CAS RN: **526216-19-3**

4,4'-methylenediphenol oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with acrylic acid and dipropylamine

NLP No: **500-773-9**

CAS RN: **526216-20-6**

C10-16 alcohols, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with acrylic acid and dipropylamine.

NLP No: **500-774-4**

CAS RN: **000000-00-0**

1,3-diaminotoluene, propoxylated

NLP No: **500-776-5**

CAS RN **8001-20-5**

C18 poly-unsaturated fatty acid triglyceride





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