

SECTION 1 - Identification of the substance/mixture and of the company/undertaking

1.1. - Product identifier

Trade name :

Product-type : Mixture

Product code : 8001.12

1.2. - Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

- concentrate cleaning agent

Uses advised against of the substance or mixture:

- No information available.

1.3. - Details of the supplier of the safety data sheet

1.4. - Emergency telephone number

SECTION 2 - Hazards identification

2.1. - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Irrit. 2	Irritation, Category 2
Eye Dam. 1	Serious eye damage, Category 1

2.2. - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS No.: 68891-38-3)||Sulfuric acid, mono-C12-16-alkyl esters, sodium salts (CAS No.: 73296-89-6)||Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy- (CAS# 160875-66-1) (CAS No.: 160875-66-1)||Alkyl ether carboxylic acid (CAS No.: 27306-90-7)

Signal word: Danger

Hazard pictograms



Hazard statements:

H315	Causes skin irritation
H318	Causes serious eye damage

Precautionary statements:

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap .
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

EUH-phrases : None

2.3. - Other hazards

PBT substance or mixture - No information available.

vPvB substance or mixture - No information available.

Other hazards which do not result in classification - No information available.

SECTION 3 - Composition/information on ingredients

3.1. - Substances

Not applicable

3.2. - Mixtures

Chemical name	No	%	Class	Spec. concentrations
CITRIC AC	CAS No. : 5949-29-1 Index No. : EC No. : 201-069-1	> 10 - < 25	Eye Irrit. 2 - H319	Not applicable
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No. : 68891-38-3 Index No. : EC No. : 500-234-8	> 10 - < 25	Aquatic Chronic 3 - H412 Eye Dam. 1 - H318 Skin Irrit. 2 - H315	Eye Irrit. 2 - H319 : 5>=%<10 Eye Dam. 1 - H318 : 10>=%<100
Sulfuric acid, mono-C12-16-alkyl esters, sodium salts	CAS No. : 73296-89-6 Index No. : EC No. : 277-362-3	> 2,5 - < 10	Aquatic Chronic 3 - H412 Eye Dam. 1 - H318 Skin Irrit. 2 - H315	Eye Dam. 1 - H318 : 20>=%<=100 Eye Irrit. 2 - H319 : 10>=%<20
Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.a.-hydroxy- (CAS# 160875-66-1)	CAS No. : 160875-66-1 Index No. : EC No. :	> 2,5 - < 10	Acute Tox. 4 Oral - H302 Eye Dam. 1 - H318	Eye Dam. 1 - H318 : 10>=%<=100 Eye Irrit. 2 - H319 : 1>=%<10
Alkyl ether carboxylic acid	CAS No. : 27306-90-7 Index No. : EC No. :	> 2,5 - < 10	Eye Dam. 1 - H318	Not applicable

SECTION 4 - First aid measures

4.1. - Description of first aid measures

Measures in case of inhalation - No special measures are necessary.
- Provide fresh air.

Measures in case of contact with skin - After contact with skin, wash immediately with plenty of water and soap.
- In case of skin irritation, consult a physician.

Measures in case of contact with eyes - In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Measures in case of ingestion - Rinse mouth thoroughly with water.
- Do NOT induce vomiting.

4.2. - Most important symptoms and effects, both acute and delayed

<u>Symptoms and effects after inhalation</u>	- No information available.
<u>Symptoms and effects after contact with skin</u>	- Causes skin irritation.
<u>Symptoms and effects after contact with eyes</u>	- Serious eye damage/eye irritation
<u>Symptoms and effects after ingestion</u>	- No information available.

4.3. - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

SECTION 5 - Firefighting measures

5.1. - Extinguishing media

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO ₂) - Foam - Extinguishing powder
<u>Unsuitable extinguishing media</u>	- High power water jet

5.2. - Special hazards arising from the substance or mixture

Special hazards - No information available.

5.3. - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6 - Accidental release measures

6.1. - Personal precautions, protective equipment and emergency procedures

<u>For non-emergency personnel</u>	- Use personal protection equipment.
<u>For emergency responders</u>	- No information available.

6.2. - Environmental precautions

- Prevent entry to sewers and public waters. Avoid release into the environment.
- Ensure waste is collected and contained.

6.3. - Methods and material for containment and cleaning up

<u>Appropriate containment techniques</u>	- No information available.
<u>Appropriate clean-up procedures</u>	- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). - Wash with plenty of water.
<u>Inappropriate techniques</u>	- No information available.

6.4. - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7 - Handling and storage

7.1. - Precautions for safe handling

Recommendations

- Avoid: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Eye contact
- Avoid: Skin contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact

Advice on general occupational hygiene

- No information available.

7.2. - Conditions for safe storage, including any incompatibilities

- Keep/Store only in original container.
- Do not mix with other cleaning products.
- Protect against: Heat
- Protect against: Frost
- Protect against: UV-radiation/sunlight
- Maintain in a temperate room

7.3. - Specific end use(s)

- No information available.

SECTION 8 - Exposure controls/personal protection

8.1. - Control parameters

8.2. - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Suitable eye protection: Eye glasses with side protection
- Suitable eye protection: Dust protection eye glasses
- Suitable protective clothing: lab coat
- Tested protective gloves must be worn
- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- Barrier creams are not substitutes for body protection.

SECTION 9 - Physical and chemical properties

9.1. - Information on basic physical and chemical properties

Physical state	Liquid
Appearance	limpide
Color	blue
Odor	characteristic
Odour threshold	No data available
pH	2,9 +/-0,5
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Density	1,09 g/cm ³ +/-0,010
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log Kow - Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	200 mPa.s < V < 300 mPa.s (Brookfield LVT Spindle LV2) (25°C)

9.2. - Other information

VOC content	2,55 %
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10 - Stability and reactivity

10.1. - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2. - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4. - Conditions to avoid

- Direct sunlight and frost.

10.5. - Incompatible materials

- No information available.

10.6. - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11 - Toxicological information

11.1. - Information on toxicological effects

Acute toxicity - Not classified

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy- (CAS# 160875-66-1) (160875-66-1)

LD50 oral (rat)	255 mg/kg < V < 1700 mg/kg
-----------------	----------------------------

Skin corrosion/irritation - Irritation, Category 2 - Causes skin irritation
- Irritating to skin.

Serious eye damage/irritation - Serious eye damage, Category 1 - Causes serious eye damage
- Risk of serious damage to eyes.
- Causes serious eye irritation.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

Specific target organ toxicity - Single exposure - Not classified

Specific target organ toxicity - Repeated exposure - Not classified

Aspiration hazard - Not classified

SECTION 12 - Ecological information

12.1. - Toxicity

EC50 48 hr crustacea	No data available
----------------------	-------------------

LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2. - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3. - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log Kow - Partition coefficient: n-octanol/water	No data available

- No indication of bioaccumulation potential.

12.4. - Mobility in soil

- No information available.

12.5. - Results of PBT and vPvB assessment

- No information available.

- No information available.

12.6. - Other adverse effects

- No information available.

SECTION 13 - Disposal considerations

13.1. - Waste treatment methods

<u>Appropriate methods of waste treatment</u>	- Dispose of waste according to applicable legislation. - Handle contaminated packages in the same way as the substance itself. - Do not allow uncontrolled discharge of product into the environment.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- No information available.

SECTION 14 - Transport information

14.1. - UN number

Not applicable

14.2. - UN proper shipping name

Not applicable

14.3. - Transport hazard class(es)

Not applicable

14.4. - Packing group

Not applicable

14.5. - Environmental hazards

Not applicable

Environmental hazards :

Marine pollutant :

14.6. - Special precautions for user

Not applicable

14.7. - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15 - Regulatory information

15.1. - Safety, health and environmental regulations/legislation specific for the substance or mixture

Components in the list of None
Reach candidates

Components in Annex XIV None

Components in Annex XVII None

VOC content 2,55 %

- Labelling of detergents EC 648/2004 and 907/2006 sold to the general public:

- Anionic surfactants: 15% or more but less than 30%

- Non-ionic surfactants: less than 5%

- Perfume: Benzyl Alcohol, Alpha-Isomethyl-Ionone, Limonène, Linalool

15.2. - Chemical safety assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16 - Other information

SDS versions:

Version No.	Date of issue	Description of the amendments
12	27/09/2017	

Abbreviations and acronyms

- ADN: Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure
- ADR: Accord européen sur le transport des marchandises dangereuses par Route
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- CLP: Classification, Labelling and Packaging
- COV / VOC: Composé Organique Volatile / Volatil Organic Compound
- EC50: half maximal effective concentration

- ErC50: EC50 in terms of reduction of growth rate.
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- IATA: International Air Transport Association
- IBC : Industrial Bulk Container
- IMDG: International Maritime Code for Dangerous Goods
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- NOEC: No Observed Effect Concentration
- PBT: Persistent, Bioaccumulative and Toxic
- RID: Regulations concerning the International carriage of Dangerous goods by rail
- vPvB: very Persistent and very Bioaccumulative

Sources for data

- Regulation EC N° 648/2004 of detergents.
- REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
- According to the Directive 2000/54/EC on the protection of workers against risks related to exposure to biological agents at work. The microorganisms used for the manufacture of this product are the Group 1 classification of micro-organisms according to EU Directive 2000/54/EC (micro-organisms that have never been described as the causative agent of infectious diseases in the man and pose no danger to the environment.

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects
Skin Irrit. 2	Irritation, Category 2

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product and shall not establish a legally valid contractual relationship.

*** **