

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form	: Substance (UVCB)
Trade name	: Lanolin Alcohol SSR EP
Chemical name	: Lanolin alcohols Unsaponifiable fraction of lanolin, a complex mixture of Cholesterol, Lanosterol, Sterols and Aliphatic alcohols.
IUPAC name	: Lanolin alcohol
EC-No.	: 232-430-1
CAS-No.	: 8027-33-6
REACH registration No	: 01-2119519224-47-0008
Product code	: Alcools de lanoline SSR EP
Product group	: Trade product
Reference number	: Alcools de lanoline SSR EP

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

##### Relevant identified uses

Use of the substance/mixture : Raw material for the formulation of cosmetic, demo-cosmetic and pharmaceutical products

##### Uses advised against

No additional information available

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

Stella S.A.  
 Zoning Industriel - 9B rue des Garennes  
 7700 Mouscron - BELGIQUE  
 T +32-(0) 56 56 18 42 - F +32 - (0) 56 56 18 48  
[stella@stella.fr](mailto:stella@stella.fr)

#### 1.4. Emergency telephone number

Emergency number : Telephone: +32 - (0) 56 56 18 33 (Plant/Security Manager - 8:30 a.m. to 12:30 p.m. and 2 p.m. to 6 p.m.)

Country	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Militaire Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussels	+32 70 245 245	Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)



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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Contains : Name of the substance : Lanolin alcohols  
EC NUMBER : 232-430-1  
CAS NO.: 8027-33-6

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Comments : Lanolin alcohols  
Unsaponifiable fraction of lanolin, a complex mixture of Cholesterol, Lanosterol, Sterols and Aliphatic alcohols.

Substance type : UVCB

Name	Product identifier	%
Lanolin alcohols Unsaponifiable fraction of lanolin, a complex mixture of Cholesterol, Lanosterol, Sterols and Aliphatic alcohols.	(CAS-No.) 8027-33-6 (EC-No.) 232-430-1 (REACH-no) 01-2119519224-47-0008	100

#### 3.2. Mixtures

Not applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : Not applicable to the usual use of the mixture. Consult a doctor if respiratory symptoms appear or persist.

First-aid measures after skin contact : Wash skin with plenty of water and soap. Seek medical advice if an irritation appears. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse carefully with plenty of water with the eyelids held wide open. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : If the person is conscious, rinse mouth with water. Do not induce vomiting without seeking medical advice. Get medical advice/attention if you feel unwell.



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

- Symptoms/effects after eye contact : In the event of contact with the eyes: irritation, in particular in the event of prolonged contact.
- Chronic symptoms : See Sub Heading 2.1/2.3.

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

No information / data available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Dry powder.
- Unsuitable extinguishing media : Solid water jet. Do not use a heavy water stream. Carbon dioxide (CO<sub>2</sub>).

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : May become flammable at high temperatures.
- Reactivity in case of fire : Avoid contact with intense heat or open flame.
- Hazardous decomposition products when fire : If exposed to high temperatures, the product may release hazardous decomposition products such as carbon monoxide and carbon dioxide. Including other unidentified organic or inorganic products. Their inhalation is very dangerous.

### 5.3. Advice for firefighters

No additional information available

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
- 6.1.1. For non-emergency personnel**
- Protective equipment : Personal protection : see section 8.
- Emergency procedures : Avoid contact with eyes. Move away or remove any source of ignition or sparks. Evacuate unnecessary personnel. No action should be taken if it involves personal risk or if there is no appropriate training.  
Evacuate the area. Prevent access by persons not required and not wearing protective clothing.  
Do not touch or walk through spilled material.  
Extinguish all sources of ignition.  
Keep hazard area free of cigarettes and flames. Avoid breathing vapors or mists. Provide adequate ventilation.
- 6.1.2. For emergency responders**
- Protective equipment : Personal protection : see section 8. Equip cleanup crew with proper protection.
- Emergency procedures : Avoid contact with eyes. Move away or remove any source of ignition or sparks. Ventilate area.

### 6.2. Environmental precautions

Avoid release into natural bodies of water, waste water or the soil. Contain the leak or spill from spreading if it can be done without any danger. Do not discharge to surface water or to sewers. Inform local authorities if significant leaks cannot be contained. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.



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### 6.3. Methods and material for containment and cleaning up

- For containment : Suitable advice concerning the containment of a spill; the following containment methods can be envisioned:
- To limit the production of dust or vapour: cover the product with absorbent granules (inert, non flammable and non combustible).
  - In case of large spills: install a protective enclosure, cover the sewers.
- Collect the absorbent/product mixture and put it in compatible packaging for subsequent disposal in accordance with the regulations in force.
- In case of a large spill, inform the competent authorities if the situation cannot be rapidly and effectively controlled.
- The absorbent/product mixture shall be handled with the same precautions as the product itself.
- Methods for cleaning up : To clean: wash the contaminated area making sure not to contaminate the natural environment. During the cleaning operations, continue to abide by the handling precautions. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

For information on handling, see section 7. For information on personal protective equipment, see section 8. For information on disposal, see section 13. See Section 8. Exposure controls and personal protection.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Use personal protective equipment (appropriate gloves, splash goggles, suitable work clothing) in accordance with industrial hygiene best practices (see section 8). Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
- Storage conditions : - Conditions for storing the product in safety: Store in its original packaging, closed and in a dry and well ventilated area. Avoid extreme temperatures (heat and cold).  
- For more details on storage conditions to ensure product quality: Refer to the data sheet. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store only in the original container in a cool, well-ventilated place away from all sources of heat in closed containers, protected from light and moisture. Keep in fireproof place. Keep container tightly closed.
- Incompatible products : Strong acids. Oxidising agent. Strong bases.
- Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.
- Heat and ignition sources : Keep away from heat and ignition sources.

### 7.3. Specific end use(s)

No data / information available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

No additional information available

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Use only in well-ventilated areas.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment:

Exposure assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the product's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional PPE.

The PPE indicated below are recommendations for exposures. An exposure assessment will identify more applicable measures to be implemented. PPE is always the last resort to avoid exposure. In any case technical and organizational measures have to be explored and used prior to the selection of PPE. The PPE selection is for operators trained to work with chemicals according to good industrial hygiene and safety practice. Operators have to be trained on the use of PPE. Choose PPE based on a hazard assessment, taking into account to the concentration and amount of dangerous substances, and to the specific work-place conditions.

###### 8.2.2.1. Eye and face protection

###### Eye protection:

Goggles with lateral protection (according to standard EN 166).

###### 8.2.2.2. Skin protection

###### Skin and body protection:

Skin protection appropriate to the conditions of use should be provided

###### Hand protection:

At the very least use chemical-resistant, leak-proof gloves (in accordance with standard EN 374). The use of this product means that the type of material and thickness of the gloves as well as the time taken to break down the material used to make the gloves cannot be decided until an in-depth study of the workstation has taken place, leading to a clear definition of the conditions of use and the most accurate possible evaluation. The gloves should therefore be chosen with the advice of the personal protective equipment manufacturer. Due to the many possible conditions of exposure, the user should consider the actual period of use of a chemical protection glove to be significantly shorter than the period prior to permeation. It is essential to comply with the manufacturer's instructions for use, in particular concerning minimum thickness and minimum period prior to permeation. This information in no way replaces the compliance tests conducted by the final user. The protection provided by the glove depends on the conditions in which the substance/mixture is used. It is recommended to wear gloves (Neoprene or nitrile in accordance with standard EN374).

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### Other skin protection

#### Materials for protective clothing:

Normal protective work clothing for handling chemicals

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In the event of insufficient ventilation, wear suitable respiratory equipment. Mask with gas-vapours filter type A/B/P3. (according to standard EN 14387 and EN 143)

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release into natural bodies of water, waste water or the soil.

#### Consumer exposure controls:

Take off contaminated clothing and wash before reuse.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Not available
Appearance	: Waxy.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: 56 °C mini
Freezing point	: Not available
Boiling point	: 180 °C
Flammability	: Not available
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: 285 – 295 °C
Auto-ignition temperature	: 296 °C
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Not soluble in water. Soluble in organic solvents such as hexane and petroleum ether.
Partition coefficient n-octanol/water (Log Kow)	: Not available

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Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 0,918
Relative vapour density at 20 °C	: Not applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

### **9.2. Other information**

#### **9.2.1. Information with regard to physical hazard classes**

No additional information available

#### **9.2.2. Other safety characteristics**

No additional information available

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

Reactivity relating to the substances, containers and contaminants to which the substance or mixture may be exposed during their transport, storage and use : No data available.

### **10.2. Chemical stability**

Stability of the substance or mixture under normal and predictable storage and handling room conditions in terms of temperature and pressure : Chemically stable under standard room conditions (room temperature). The product is stable in normal conditions of use.

### **10.3. Possibility of hazardous reactions**

Reaction or polymerisation of the substance or mixture releasing excessive heat or pressure or generating other dangerous conditions : This product will not polymerise by releasing excessive heat or pressure or by generating other dangerous conditions. (See section 10.1 for reactivity which can generate risks by taking into account the substances, containers and contaminants to which the substance or mixture may be exposed during their transport, storage and use.)

### **10.4. Conditions to avoid**

Listing of conditions such as temperature, pressure, light, shocks, electrostatic discharges, vibrations or other physical stresses which may lead to a dangerous situation : According to our knowledge, temperature, pressure, light, shocks, etc. do not lead to a dangerous situation. Keep away from open flames, hot surfaces and ignition sources. Extremely high or low temperatures. Keep away from heat, sparks and flames.

### **10.5. Incompatible materials**

Families of substances or mixtures, or specific substances, such as water, air, acids, bases, oxidising agents, with which the substance or mixture may react by generating a dangerous situation : Strong oxidising agents, strong acids and strong bases.

### **10.6. Hazardous decomposition products**

Known dangerous decomposition products and products which may be reasonably predictable as such following use, storage, pouring and heating : This product does not decompose under normal conditions. Decomposition products in case of fire : consult section 5.2.



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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ACUTE TOXICITY (ORAL) : Not classified

ACUTE TOXICITY (DERMAL) : Not classified

ACUTE TOXICITY (INHALATION) : Not classified

**Lanolin alcohols**  
Unsaponifiable fraction of lanolin, a complex mixture of Cholesterol, Lanosterol, Sterols and Aliphatic alcohols. (8027-33-6)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute (Oral) Toxicity) Information from REACH dossiers available on the ECHA website.
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LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) Information from REACH dossiers available on the ECHA website.
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SKIN CORROSION/IRRITATION : Not classified

Additional information : Non-irritating (rabbit tests)  
(Published data)

SERIOUS EYE DAMAGE/IRRITATION : Not classified

Additional information : Slightly irritating (rabbit tests)  
(Published data)

RESPIRATORY OR SKIN SENSITISATION : Not classified

GERM CELL MUTAGENICITY : Not classified

CARCINOGENICITY : Not classified

REPRODUCTIVE TOXICITY : Not classified

STOT-SINGLE EXPOSURE : Not classified

STOT-REPEATED EXPOSURE : Not classified

**Lanolin alcohols**  
Unsaponifiable fraction of lanolin, a complex mixture of Cholesterol, Lanosterol, Sterols and Aliphatic alcohols. (8027-33-6)

NOAEL (oral, rat, 90 days)	≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (90-day repeated dose oral toxicity study in rodents) Information from REACH dossiers available on the ECHA website.
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ASPIRATION HAZARD : Not classified

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### INFORMATION ON THE LIKELY ROUTES OF EXPOSURE :

Dermal contact	:	No data available.
Eyes contact	:	In the event of contact with the eyes: irritation, in particular in the event of prolonged contact.
Inhalation	:	No data available.
Ingestion	:	No data available.

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2 Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Not rapidly degradable

#### Lanolin alcohols

Unsaponifiable fraction of lanolin, a complex mixture of Cholesterol, Lanosterol, Sterols and Aliphatic alcohols. (8027-33-6)

LC50 - Fish [1]	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Information from REACH dossiers available on the ECHA website.
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EC50 72h - Algae [1]	> 2,5 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) Information from REACH dossiers available on the ECHA website.
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### 12.2. Persistence and degradability

#### Lanolin alcohols

Unsaponifiable fraction of lanolin, a complex mixture of Cholesterol, Lanosterol, Sterols and Aliphatic alcohols. (8027-33-6)

Persistence and degradability	Rapid biodegradability if finely dispersed. It can be classified as readily biodegradable according to the OECD. (Published data).
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### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

#### Lanolin alcohols

Unsaponifiable fraction of lanolin, a complex mixture of Cholesterol, Lanosterol, Sterols and Aliphatic alcohols. (8027-33-6)

Mobility in soil	Product has very low mobility in soils (Published data)
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- Regional legislation (waste) : Disposal must be done according to official regulations.
- Waste treatment methods : Dispose of in accordance with the local/national safety regulations in force.
- Additional information : It is recommended to avoid or reduce waste production as much as possible.

The disposal of this product, solutions and by-products shall comply with the legal requirements for environmental protection and waste disposal and the requirements of all local authorities at all times.

A licensed waste disposal contractor will be in charge of the disposal of surplus and non-recyclable products. Do not evacuate untreated waste into the sewers.

Only dispose of this product and its container by taking all standard precautions. Handle non-cleaned and non-rinsed containers with care. Empty containers or liners may retain product residues. Avoid dispersing spilled materials, as well as their leakage, and any contact with the soil, waterways, drains and sewers.

- Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1. UN number or ID number

- UN-No. (ADR) : Not applicable
- UN-No. (IMDG) : Not applicable
- UN-No. (IATA) : Not applicable
- UN-No. (ADN) : Not applicable
- UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

- Proper Shipping Name (ADR) : NOT APPLICABLE
- Proper Shipping Name (IMDG) : NOT APPLICABLE
- Proper Shipping Name (IATA) : NOT APPLICABLE
- Proper Shipping Name (ADN) : NOT APPLICABLE
- Proper Shipping Name (RID) : NOT APPLICABLE

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### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

### 14.6. Special precautions for user

Special transport precautions : For information on handling, see section 7. For information on personal protective equipment, see section 8. For information on disposal, see section 13.

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable



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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

- Lanolin Alcohol SSR EP is not on the REACH Candidate List
- Lanolin Alcohol SSR EP is not on the REACH Annex XIV List
- Lanolin Alcohol SSR EP is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
- Lanolin Alcohol SSR EP is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

#### Indication of changes:

Following major changes, the SAFETY DATA SHEET has been completely revised.

#### Abbreviations and acronyms:

CAS-No.	Chemical Abstract Service number
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
LC50	Median lethal concentration
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
VOC	Volatile Organic Compounds
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
ThOD	Theoretical oxygen demand (ThOD)
EN	European Standard
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
SDS	Safety Data Sheet
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
N.O.S.	Not Otherwise Specified
EC-No.	European Community number

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# STELLA

NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
R&Ds	"Scientific Research and Development": any scientific experimentation, analysis or chemical research activity carried out in controlled conditions and on quantities of less than 1 tonne per year.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STOT	Specific target organ toxicity
STP	Sewage treatment plant
TLM	Median Tolerance Limit
TRGS	Technical Rules for Hazardous Substances
BLV	Biological limit value
OEL	Occupational Exposure Limit
IOELV	Indicative Occupational Exposure Limit Value
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

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.

