



# SAFETY DATA SHEET

This Safety Data Sheet (SDS) was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 (in particular as amended by Commission Regulation (EU) 2020/878 with respect to SDSs) and Regulation (EC) No. 1272/2008 (CLP)

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Revision Number 1

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

### 1.1. Product identifier

**Product Identifier** C-21459673-002\_RET\_CLPR7\_EUR  
**Product Name** Lenor Outdoorable Ultra Concentrated Corfu Lemon Blossom and Jasmine Fabric Softener  
**Product Form** Mixture  
**Pure substance/mixture** Mixture

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

**Recommended use** Intended for general public  
**Uses advised against** No information available  
**Main user category** SU 21 - Consumer uses: Private households (= general public = consumers)  
**Product category** Liquid Fabric Enhancers  
**Use category** PC35 - Washing and cleaning products (including solvent based products)

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

Supplier	Manufacturer
Procter & Gamble UK Brooklands, Weybridge, Surrey, KT13 0XP, UK 01932 896000 Fax: 01932 896200	Procter & Gamble Amiens S.A.S. ZI Nord 150 rue André Durouchez BP 90045 80082 Amiens Cedex 2 France
P&G DCE bvba/sprl-Belgium Dist. Div., Temselaan 100, B-1853 Strombeek-Bever, Belgium (IE) 1800 535 119	

For further information, please contact

**E-mail address** pgsds.im@pg.com

### 1.4. Emergency telephone number

Emergency Telephone (UK) Emergency Tel: 0800 328 8304

IRELAND CHEMTREC: +353 1 901 4670

## SECTION 2: Hazards identification

For consumer use in households, follow precautionary and first aid instructions on product label

### 2.1. Classification of the substance or mixture

Classification according to  
Regulation (EC) No. 1272/2008 [CLP]  
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

#### Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

EUH208 - Contains (E/Z)-ethyl 2-acetyl-4-methyltridec-2-enoate; Methylundecanal; Hexyl Cinnamal; Delta-Damascone May produce an allergic reaction.

**2.3. Other hazards**

**PBT & vPvB** The product does not contain any substance(s) classified as PBT or vPvB at a concentration  $\geq 0.1\%$

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors at a concentration  $\geq 0.1\%$

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	CAS No.	Weight-%	REACH registration number	EC No. (Index No.)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Acute Toxicity Estimate
Distearoyl ethyl/Dipalmitoyl ethyl Dimonium Chloride	1079184-43-2	1 - 5	No data available	-	Aquatic Chronic 3 (H412)	-	-	-	-
(E/Z)-ethyl 2-acetyl-4-methyltridec-2-enoate	960253-23-0	0 - 1	01-2120749108-52	816-455-0	Acute Tox. 4 (Inhalation:vapour) (H332) Skin Sens. 1 (H317)	-	-	-	-
Methylundecanal	110-41-8	0 - 1	01-2119969443-29	203-765-0	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Skin Irrit. 2 (H315) Skin Sens. 1B (H317)	-	1	1	-
Hexyl Cinnamal	165184-98-5	0 - 1	01-2119533092-50	202-983-3639-566-4	Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411) Skin Sens. 1B (H317)	-	1	-	-
Delta-Damascone	57378-68-4	0 - 1	01-2119535122-53	260-709-8275-156-8	Acute Tox. 4 (Oral) (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Skin Irrit. 2 (H315) Skin Sens. 1A (H317)	-	1	1	-

**Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59).

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. (Call a physician if symptoms occur).

**Eye contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

**Skin contact** IF ON SKIN: Wash with plenty of soap and water. Get medical attention if symptoms occur. Take off contaminated clothing and wash before reuse.

**Ingestion** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

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

**Symptoms** Coughing and/ or wheezing. Redness. Swelling of tissue. Itching. Sneezing. Dryness. Pain. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Excessive secretion.

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

**Note to physicians** Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable Extinguishing Media** Dry chemical. Alcohol resistant foam. Carbon dioxide (CO2).  
**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

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

**Specific hazards arising from the chemical** None in particular.

**5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

**SECTION 6: Accidental release measures**

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

**Personal precautions** Ensure adequate ventilation.  
**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

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

**Methods for containment** Scoop absorbed substance into closing containers.  
**Methods for cleaning up** Small quantities of liquid spill: Large Spills: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.  
**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling** Do not eat, drink or smoke when using this product.  
**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep/store only in original container. Keep tightly closed in a dry and cool place.

**7.3. Specific end use(s)**

**Specific use(s)** Cleaning/washing agents and additives.  
**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

#### Biological occupational exposure limits

#### Derived No Effect Level (DNEL) Long term.

Chemical name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Methylundecanal	10.46 mg/kg bw/day	36.89 mg/m <sup>3</sup>	35.7 mg/cm <sup>2</sup>	92.21 mg/m <sup>3</sup>
Delta-Damascone	2.1 mg/kg bw/day	1.5 mg/m <sup>3</sup>	0.116 mg/cm <sup>2</sup>	-

Chemical name	Consumer - oral, long-term - local	Consumer - inhalative, long-term - local	Consumer - dermal, long-term - local
Methylundecanal	-	22.74 mg/m <sup>3</sup>	17.86 mg/cm <sup>2</sup>
Delta-Damascone	-	-	0.069 mg/cm <sup>2</sup>

Chemical name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Methylundecanal	5.23 mg/kg bw	9.1 mg/m <sup>3</sup>	5.23 mg/kg bw/day
Delta-Damascone	0.25 mg/kg bw	0.43 mg/m <sup>3</sup>	0.25 mg/kg bw/day

#### Derived No Effect Level (DNEL) Short term.

Chemical name	Worker - dermal, short-term - systemic	Worker - inhalative, short-term - systemic	Worker - dermal, short-term - local	Worker - inhalative, short-term - local
Methylundecanal	100 mg/kg bw/day	352.63 mg/m <sup>3</sup>	71.43 mg/cm <sup>2</sup>	881.58 mg/m <sup>3</sup>

Chemical name	Consumer - inhalative, short-term - local	Consumer - dermal, short-term - local
Methylundecanal	217.39 mg/m <sup>3</sup>	35.71 mg/cm <sup>2</sup>

Chemical name	Consumer - oral, short-term - systemic	Consumer - inhalative, short-term - systemic	Consumer - dermal, short-term - systemic
Methylundecanal	25 mg/kg bw	86.96 mg/m <sup>3</sup>	50 mg/kg bw/day

#### Predicted No Effect Concentration (PNEC)

Chemical name	Fresh Water	Marine water	Intermittent release
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	0.054 mg/L	0.005 mg/L	-
Methylundecanal	0.66 mg/L	0 mg/L	0.002 mg/L
Delta-Damascone	0.007 mg/L	0.001 mg/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	Air	Oral
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	109 mg/kg dwt	10.9 mg/kg dwt	4.74 mg/L	534 mg/kg dwt	-	-
Methylundecanal	0.265 mg/kg dwt	0.027 mg/kg dwt	10 mg/L	0.053 mg/kg dwt	-	-
Delta-Damascone	0.958 mg/kg dwt	0.096 mg/kg dwt	2.41 mg/L	0.187 mg/kg dwt	-	-

### 8.2. Exposure controls

#### Personal protective equipment

<b>Eye/face protection</b>	No special protective equipment required.
<b>Hand protection</b>	No special protective equipment required.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental exposure controls</b>	Prevent that the undiluted product reaches surface waters.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	colored
<b>Odor</b>	Pleasant (perfume)
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	No data available	Not available. This property is not relevant for the safety and classification of this product
<b>Initial boiling point and boiling range</b>	95 - 110 °C	
<b>Flammability</b>		Not applicable. This property is not relevant for liquid product forms
<b>Flammability Limit in Air</b>		Not available. This property is not relevant for the safety and classification of this product No Data Available
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Flash point</b>	No Flash to Boiling (NFTB)	
<b>Autoignition temperature</b>	No data available	Not applicable. This property is not relevant for liquid product forms
<b>Decomposition temperature</b>	No Data Available	Not available. This property is not relevant for the safety and classification of this product
<b>pH</b>	2.5 - 3.8	
<b>Dynamic viscosity</b>	120 - 315 mPa s	
<b>Water solubility</b>	Soluble in water	
<b>Solubility(ies)</b>	No Data Available	Not available. This property is not relevant for the safety and classification of this product
<b>Partition coefficient</b>	No Data Available	Not available. This property is not relevant for the safety and classification of this product
<b>Vapor pressure</b>	No Data Available	Not available. This property is not relevant for the safety and classification of this product
<b>Relative density</b>	0.97 - 1.1	
<b>Relative vapor density</b>	No data available	Not applicable. This property is not relevant for liquid product forms
<b>Particle characteristics</b>		Not available. This property is not relevant for the safety and classification of this product
<b>Particle Size</b>	No information available	
<b>Particle Size Distribution</b>	No information available	

## 9.2. Other information

9.2.1. Information with regard to physical hazard classes  
No information available

9.2.2. Other safety characteristics  
No information available

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

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Stability Stable under normal conditions.

#### **Explosion data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

### 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

### 10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

## **SECTION 11: Toxicological information**

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

#### Information on likely routes of exposure

##### **Product Information**

Inhalation None known.

Eye contact None known.

Skin contact None known.

Ingestion None known.

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms None.

#### Numerical measures of toxicity

No information available

#### **Acute toxicity**

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	> 10,000 mg/kg bw (OECD 401) (Rat)	> 2000 mg/kg bw (OECD 402) (Rabbit)	-
(E/Z)-ethyl 2-acetyl-4-methyltridec-2-enoate	> 5000 mg/kg bw (OECD 423) (Rat)	-	> 1 - < 5 mg/L (OECD 403) (Rat - 4 hours - Dust/Mist)
Methylundecanal	> 5000 mg/kg bw (Rat)	> 8280 mg/kg bw (Rabbit)	-
Delta-Damascone	1625 mg/kg bw (OECD 401) (Rat)	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Not applicable.
<b>Serious eye damage/eye irritation</b>	Not applicable.
<b>Respiratory or skin sensitization</b>	Not applicable.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	None known.
<b>STOT - single exposure</b>	None known.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Not applicable.

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors at a concentration  $\geq 0.1\%$ .

**11.2.2. Other information**

**Other adverse effects** None known.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity** Not considered to be harmful to aquatic life. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.

**Acute toxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	1.2 mg/L (OECD 201; Raphidocelis subcapitata; 72 h)	5.2 mg/L (OECD 203; Danio rerio; 96 h)	-	14.8 mg/L (OECD 202; Daphnia magna; 24 h)
Methylundecanal	0.18 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h)	0.35 mg/L (OECD 203; Oncorhynchus mykiss; 96 h)	-	0.21 mg/L (OECD 202; Daphnia magna; 48 h)
Delta-Damascone	4.54 mg/L (OECD 201; Raphidocelis subcapitata; 72 h)	0.97 mg/L (OECD 203; Oryzias latipes; 96 h)	241 mg/L (OECD 209; activated sludge; 3 h)	-

**Chronic Toxicity**

Chemical name	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	0.39 mg/L (OECD 201; Raphidocelis subcapitata; 3 d)	9.77 mg/L (US EPA TSCA, 40 CFR, Part 797.1600; Pimephales promelas; 5 d)	1 mg/L (EPA OTS 797.1330; Daphnia magna; 21 d)	-	47.4 mg/L (OECD 209; activated sludge; 0.125 d)
Methylundecanal	0.089 mg/L (OECD 201; Pseudokirchneriella subcapitata; 3 d)	0.11 mg/L (OECD 203; Oncorhynchus mykiss; 4 d)	0.033 mg/L (OECD 211; Daphnia magna; 21 d)	-	-
Delta-Damascone	0.38 mg/L (OECD 201; Raphidocelis subcapitata; 3 d)	0.118 mg/L (OECD 210; Pimephales promelas; 32 d)	0.35 mg/L (OECD 211; Daphnia magna; 21 d)	-	-

**12.2. Persistence and degradability**

**Persistence and degradability**

Chemical name	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	76 % (OECD 301 B; CO2 evolution; 28 d; 10-day window criteria fulfilled)	-	-	-
(E/Z)-ethyl 2-acetyl-4-methyltridec-2-enoate	62 % (O2; OECD 301 F; 28 d)	-	-	-
Methylundecanal	68 % (O2; OECD 301 F; 22 d)	-	-	-
Delta-Damascone	16 % (O2; OECD 301; 28 d)	-	-	-

**12.3. Bioaccumulative potential**

**Bioaccumulation**

**Component Information**

Chemical name	Partition coefficient
(E/Z)-ethyl 2-acetyl-4-methyltridec-2-enoate	6.6
Methylundecanal	4.9
Hexyl Cinnamal	5.3

Chemical name	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	3.8	-
Methylundecanal	-	2917 L/kg
Delta-Damascone	4.2	-

**12.4. Mobility in soil**

**Mobility in soil**

Chemical name	log Koc
Distearoylethyl/Dipalmitoylethyl Dimonium Chloride	20225 (OECD 106)
(E/Z)-ethyl 2-acetyl-4-methyltridec-2-enoate	10 - 79432.8 (OECD 121)
Methylundecanal	3981 (3981 (OECD 121))
Delta-Damascone	1259 (1259 (OECD 121))

#### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB at a concentration  $\geq 0.1\%$ .

#### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors at a concentration  $\geq 0.1\%$ .

#### 12.7. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Waste from residues/unused products** The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration. Empty, uncleaned packaging need the same disposal considerations as filled packaging. For handling waste, see measures described in section 8. Dispose of in accordance with local regulations.

**Contaminated packaging** Do not reuse empty containers.

**Waste codes / waste designations according to EWC** 20 01 29\* - detergents containing dangerous substances  
 15 01 10\* - packaging containing residues of or contaminated by dangerous substances

### SECTION 14: Transport information

#### IATA

14.1 UN number or ID number Not regulated  
 14.2 UN proper shipping name Not regulated  
 14.3 Transport hazard class(es) Not regulated  
 14.4 Packing group Not regulated  
 14.5 Environmental hazards Not applicable  
 14.6 Special precautions for user

#### IMDG

14.1 UN number or ID number Not regulated  
 14.2 UN proper shipping name Not regulated  
 14.3 Transport hazard class(es) Not regulated  
 14.4 Packing group Not regulated  
 14.5 Environmental hazards Not applicable  
 14.6 Special precautions for user  
 14.7 Maritime transport in bulk according to IMO instruments No information available

#### RID

14.1 UN number or ID number Not regulated  
 14.2 UN proper shipping name Not regulated

14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

#### ADR

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

#### ADN

14.1 UN number or ID number	Not relevant
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	No information available
14.4 Packing group	Not relevant
14.5 Marine pollutant	Not regulated

## **SECTION 15: Regulatory information**

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

#### National regulations

##### **Germany**

**Water hazard class (WGK)** slightly hazardous to water (WGK 1)

##### **Netherlands**

##### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

##### **Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII) Regulation (EC) No. 648/2004 (Detergents regulation) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### **Persistent Organic Pollutants**

Not applicable

##### **Ozone-depleting substances (ODS) Regulation (EU) 2024/590**

Not applicable

##### **Biocidal Products Regulation (EU) No 528/2012 (BPR)**

##### **CESIO Recommendations**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability

criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## 15.2. Chemical safety assessment

**Chemical Safety Report** No chemical safety assessment has been carried out for this mixture per REACH regulation.

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of any hazard and/or precautionary statements referred to under Sections 2-15

H225 - Highly flammable liquid and vapor  
H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H332 - Harmful if inhaled  
H336 - May cause drowsiness or dizziness  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects  
H412 - Harmful to aquatic life with long lasting effects

#### Legend

SVHC: Substances of Very High Concern for Authorization:

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
DS	Dermal Sensitizer	DFG	German Research Foundation

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**Further information** Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V.

#### Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

##### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**