

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.01.2019

Version number 4

Revision 16.01.2019

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

#### 1.1 Product identifier

· Trade name: **Interflon Lube EP**

· 1.2 Relevant identified uses of the substance or mixture and uses advised against  
No further relevant information available.

· Application of the substance / the mixture Lubricant

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

· Manufacturer/Supplier:

Interflon b.v.

P.O. Box 1070

NL-4700 BB Roosendaal

The Netherlands

Tel: +31(0)165.55.39.11

Email: [service@interflon.com](mailto:service@interflon.com)

[www.interflon.com](http://www.interflon.com)

· Further information obtainable from: Product safety department

· 1.4 Emergency telephone number: UK National Poisons Emergency number: +44 870 600 6266

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2            H319 Causes serious eye irritation.

Skin Sens. 1           H317 May cause an allergic skin reaction.

Aquatic Chronic 3   H412 Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



GHS07

· Signal word Warning

· Hazard-determining components of labelling:

1,3,4-Thiadiazole-2(3H)-thione, 5-(tert-dodecylthio)-  
Amines, C10-14-tert-alkyl

· Hazard statements

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P261 Avoid breathing mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

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P363 Wash contaminated clothing before reuse.

· **Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Material does not meet the criteria for PBT according to Regulation (EC) No 1907/2006, Annex XIII.

· **vPvB:** Material does not meet the criteria for vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

### SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Blend of mineral and vegetable oils, solvent, additives and Teflon®.

· **Dangerous components:**

EC number: 926-141-6 Reg.nr.: 01-2119456620-43	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics Asp. Tox. 1, H304	25 – 50%
CAS: 110-25-8 EINECS: 203-749-3 Reg.nr.: 01-2119488991-20	oleoysarcosine Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H332; Skin Irrit. 2, H315	1 – < 2.5%
CAS: 61790-85-0 NLP: 500-149-6	Amines, N-tallow alkyltrimethylenedi-, ethoxylated STOT RE 1, H372; Skin Corr. 1B, H314; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302	0.25 – ≤ 1%
EC number: 947-263-6 Reg.nr.: 01-2120761103-66	Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethylenetetramine fraction and 3-(C9-C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione Repr. 2, H361fd; Skin Irrit. 2, H315; Aquatic Chronic 4, H413	0.1 – ≤ 2.5%
CAS: 1213789-63-9 EC number: 627-034-4 Reg.nr.: 01-2119473797-19	(Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines STOT RE 2, H373; Asp. Tox. 1, H304; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; STOT SE 3, H335	0.25 – ≤ 1%
CAS: 73984-93-7 EC number: 813-543-0 Reg.nr.: 01-2120761104-64	1,3,4-Thiadiazole-2(3H)-thione, 5-(tert-dodecylthio)- Skin Sens. 1B, H317; Aquatic Chronic 3, H412	0.1 – ≤ 1%
EC number: 701-175-2 Reg.nr.: 01-2119456798-18	Amines, C10-14-tert-alkyl Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1A, H317; STOT SE 3, H335	0.1 – ≤ 0.25%
CAS: 61791-55-7 EINECS: 263-189-0	Amines, N-tallow alkyltrimethylenedi- STOT RE 1, H372; Skin Corr. 1B, H314; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302	0.025 – ≤ 0.1%

· **SVHC**

This product does not contain "very worrisome substances" (SVHC) that are very dangerous to human health or the environment. (SVHC < 0.1% (w / w) Regulation (EC) No. 1907/2006 (REACH), Article 57).

· **Additional information:**

Note: Any entry in the EC column that begins with the number "9" is a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. See Section 16 for additional CAS number information for the substance.

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**SECTION 4: First aid measures****4.1 Description of first aid measures**

· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:**

Rinse cautiously with water for several minutes.

If eye irritation persists: Get medical advice/attention.

· **After swallowing:** If symptoms persist consult doctor.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions

CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

Foam

· **For safety reasons unsuitable extinguishing agents:** Water

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

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide (CO)

Hydrogen fluoride and other fluoride compounds.

· **5.3 Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

Use personal protective equipment (EN469).

· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**SECTION 6: Accidental release measures**

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

Wear protective clothing.

Particular danger of slipping on leaked/spilled product.

· **6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

· **6.3 Methods and material for containment and cleaning up:**

Clear spills immediately.

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*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

*Ensure adequate ventilation.*

*Remove residues with alkaline cleaning agent.*

**· 6.4 Reference to other sections**

*See Section 8 for information on personal protection equipment.*

*See Section 13 for disposal information.*

**SECTION 7: Handling and storage**

**· 7.1 Precautions for safe handling**

*Ensure good ventilation/exhaustion at the workplace.*

*Avoid breathing mist/vapours/spray.*

**· Information about fire - and explosion protection:** *No special measures required.*

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

**· Storage:**

**· Requirements to be met by storerooms and receptacles:**

*Store in accordance with local/regional/national/international regulations.*

*Keep container tightly closed.*

*Store in a dry place.*

**· Information about storage in one common storage facility:** *Not required.*

**· Further information about storage conditions:** *Keep container tightly sealed.*

**· 7.3 Specific end use(s)** *No further relevant information available.*

**SECTION 8: Exposure controls/personal protection**

**· Additional information about design of technical facilities:** *No further data; see item 7.*

**· 8.1 Control parameters**

**· Ingredients with limit values that require monitoring at the workplace:**

*The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*

**· Additional information:** *The lists valid during the making were used as basis.*

**· 8.2 Exposure controls**

**· Personal protective equipment:**

**· General protective and hygienic measures:**

*The usual precautionary measures are to be adhered to when handling chemicals.*

*Avoid contact with the eyes and skin.*

*Wash hands before breaks and at the end of work.*

*Do not eat, drink, smoke or sniff while working.*

**· Respiratory protection:** *Not required.*

**· Protection of hands:**

*For prolonged or repeated skin contact use suitable protective gloves.*

*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*

*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*

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Protective gloves

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Practical experience has shown that gloves of Nitril offer sufficient protection.

Glove thickness: 0,13 mm

Breakthrough time: > 15 minutes

· **Penetration time of glove material** The penetration times are not determined by method EN 374 Part 3.

· **Eye protection:**



Tightly sealed goggles (EN166).

· **Body protection:** Wear suitable protective clothing (EN ISO 13688).

**SECTION 9: Physical and chemical properties**

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid  
Colour: Yellow-brown

· **Odour:** Oily

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

Melting point/freezing point: Not applicable.  
Initial boiling point and boiling range: Undetermined.

· **Flash point:** 84 °C

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** > 370 °C

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

Lower: 0.5 Vol %  
Upper: 5.5 Vol %

· **Vapour pressure at 20 °C:** 2 hPa

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· <b>Density at 20 °C:</b>	0.86 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Viscosity:</b>	
<b>Dynamic at 20 °C:</b>	87 mPas
<b>Kinematic at 40 °C:</b>	26 mm <sup>2</sup> /s
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No reactivity hazards known under normal storage and use conditions.
- **10.2 Chemical stability** Stable under normal storage and use conditions.
- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Strong oxidising agents.
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and partially combusted carbohydrates can be released during thermal decomposition.  
Fluoride compounds can be released from 400 °C.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

##### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Oral	LD50	> 5000 mg/kg (Rat) (OECD 401) (read-across approach)
Dermal	LD50	> 5000 mg/kg (Rabbit) (OECD 402) (read-across approach)

##### 110-25-8 oleoylsarcosine

Oral	LD50	> 5000 mg/kg (Rat) (OECD 420)
Inhalative	LC50/4 h	1.8 mg/l (Rat) (OECD 403)

##### 61790-85-0 Amines, N-tallow alkyltrimethylenedi-, ethoxylated

Oral	LD50	> 500 mg/kg (Rat)
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##### Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethylenetetramine fraction and 3-(C9-C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione

Oral	LD50	> 5000 mg/kg (Rat) Extrapolation according to Regulation (EC) No. 440/2008
	NOAEL	75 mg/kg bw (Rat) (OECD 422)

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Dermal	LD50	> 2000 mg/kg (Rat) (OECD 423)
<b>1213789-63-9 (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines</b>		
Oral	LD50	1689 mg/kg (Rat)
<b>73984-93-7 1,3,4-Thiadiazole-2(3H)-thione, 5-(tert-dodecylthio)-</b>		
Oral	LD50	> 5000 mg/kg (Rat)
Dermal	LD50	> 2000 mg/kg (Rabbit)
<b>Amines, C10-14-tert-alkyl</b>		
Oral	LD50	612 mg/kg (Rat)
Dermal	LD50	251 mg/kg (Rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.
- **Subacute to chronic toxicity:** Repeated exposure may cause skin dryness or cracking.
- **STOT SE (Specific target organ toxicity – single exposure):** No further relevant information available.
- **STOT RE (Specific target organ toxicity – repeated exposure):** No further relevant information available.
- **Additional toxicological information:**  
The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever, which has flu-like symptoms in humans, especially when smoking contaminated tobacco.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
This product does not fulfil the criteria for classification of CMR (carcinogen, mutagen, toxic to reproduction).
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**  
Harmful to aquatic life with long lasting effects.

#### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics

LL/EL/IL50	> 100 mg/l (Algae) (read-across approach)
	> 100 mg/l (Fish) (read-across approach)

#### 110-25-8 oleoylsarcosine

LC50 96 hr	1 – 10 mg/l (Fish)
EC50 48 hr	0.43 mg/l (Daphnia) (OECD 202)

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**Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethylenetetramine fraction and 3-(C9-C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione**

LC50 96 hr	1000 mg/l (Fish) (OECD 203)
EC50 48 hr	1000 mg/l (Daphnia) (OECD 202)
EC50 72 hr	496 mg/l (Algea) (OECD 201)

**1213789-63-9 (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines**

LC50 96 hr	0.11 mg/l (Fish)
EC50 48 hr	0.011 mg/l (Daphnia)

**12.2 Persistence and degradability**

**110-25-8 oleoylsarcosine**

Biodegradability	85 % (-) (OECD 301B)
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**Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethylenetetramine fraction and 3-(C9-C15, C12 rich, alk-1-enyl)dihydro-2,5-furandione**

Biodegradability	10 % (-) (OECD 301D)
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**1213789-63-9 (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines**

Biodegradability	66 % (-) (OECD 301B)
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· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Ecotoxic effects:**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Material does not meet the criteria for PBT according to Regulation (EC) No 1907/2006, Annex XIII.

· **vPvB:** Material does not meet the criteria for vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

· **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Waste should not be disposed of by release to sewers. Final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.

· **European waste catalogue**

13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
HP 14	Ecotoxic

· **Uncleaned packaging:**

· **Recommendation:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

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**SECTION 14: Transport information**

· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

**SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- National regulations:
- Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

*This safety datasheet only contains information relating to safety and does not replace any product information or product specification.*

*The following substance(s) in this product is (are) identified by the CAS number(s) shown in countries not subject to the REACH regulation.*

*Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics: CAS 64742-47-8*

*Reaction products of fatty acids, C16-18, C18 unsatd. with Amines, polyethylenepoly-, triethylenetetramine fraction and 3-(C9-C15, C12 rich, alk-1-enyl) dihydro-2,5-furandione: CAS ---*

- **Relevant phrases (code and full text as stated in chapter 3)**

*The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3.*

*H302 Harmful if swallowed.*

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- H304 *May be fatal if swallowed and enters airways.*
- H311 *Toxic in contact with skin.*
- H314 *Causes severe skin burns and eye damage.*
- H315 *Causes skin irritation.*
- H317 *May cause an allergic skin reaction.*
- H318 *Causes serious eye damage.*
- H330 *Fatal if inhaled.*
- H332 *Harmful if inhaled.*
- H335 *May cause respiratory irritation.*
- H361fd *Suspected of damaging fertility. Suspected of damaging the unborn child.*
- H372 *Causes damage to organs through prolonged or repeated exposure.*
- H373 *May cause damage to organs through prolonged or repeated exposure.*
- H400 *Very toxic to aquatic life.*
- H410 *Very toxic to aquatic life with long lasting effects.*
- H412 *Harmful to aquatic life with long lasting effects.*
- H413 *May cause long lasting harmful effects to aquatic life.*

**· Classification according to Regulation (EC) No 1272/2008**

Serious eye damage/eye irritation  
Skin sensitisation  
Hazardous to the aquatic environment - long-term  
(chronic) aquatic hazard

*The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.*

**· Department issuing SDS:** Product safety department.

**· Contact:**

Head Laboratory  
Email: [service@interflon.com](mailto:service@interflon.com)

**· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal Concentration, 50 percent  
LD50: Lethal Dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
CLP: Classification, Labelling and Packaging of substances and mixtures  
ECHA: European Chemicals Agency  
EC50: Effective Concentration, 50 percent  
IC50: Inhibitory Concentration, 50 percent  
LL/EL/IL: Lethal Loading/Exposure Limit/Inhibition Limit  
LL50: Lethal Loading, 50 percent  
EL50: Effective Loading, 50 percent  
IL50: Inhibitory Level, 50 percent  
NOEC/NOEL: No Observed Effect Concentration / No Observed Effect Level  
OECD: Organisation for Economic Cooperation and Development  
Acute Tox. 3: Acute toxicity – Category 3  
Acute Tox. 2: Acute toxicity – Category 2  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*Skin Sens. 1: Skin sensitisation – Category 1*

*Skin Sens. 1A: Skin sensitisation – Category 1A*

*Skin Sens. 1B: Skin sensitisation – Category 1B*

*Repr. 2: Reproductive toxicity – Category 2*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1*

*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*

*Asp. Tox. 1: Aspiration hazard – Category 1*

*Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*

*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

*Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4*

**· Key literature references and sources for data:**

- Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU

- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

- ECHA database on registered substances

- EU IUCLID Database

- Material suppliers' data

· **\* Data compared to the previous version altered.**