

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: 2100 Epo-Prime

Creation date: 15.11.2022, Revision: 26.03.2025, Version: 14.0

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

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### 1.1 Product identifier

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**Product name**

2100 Epo-Prime

**UFI:**

W9T5-G0YC-H009-Y7HM



<https://my.chemius.net/p/agH0xH/en/pd/en>

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

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**Relevant identified uses**

For professional use only. Primer.

**Uses advised against**

No information.

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

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**Supplier**

SILCO d.o.o.  
Sentrupert 5a  
3303 Gomilsko, Slovenia  
+386 3 703 3180  
msds@silco.si

### 1.4 Emergency Telephone Number

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**Emergency**

111

**Supplier**

112

## Section 2: Hazards identification

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### 2.1 Classification of the substance or mixture

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

Aerosol 1; H222 + H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

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

Eye Irrit. 2; H319 Causes serious eye irritation.

STOT SE 3; H336 May cause drowsiness or dizziness.

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## 2.2 Label elements

### Labelling according to Regulation (EC) No 1272/2008 (CLP)



#### Signal word: **DANGER**

H222 + H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
EUH018 In use, may form flammable/explosive vapour-air mixture.  
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.  
P501 Dispose of contents/container in accordance with national regulation.

#### Contains:

acetone  
propan-2-ol  
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight  $\leq 700$ )  
Fatty acids, C18, unsatd., dimers, reaction products with N,N-dimethyl-1,3- propanediamine and 1,3-propanediamine

## 2.3 Other hazards

### PBT/vPvB

No information.

### Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

### Additional information

No information.

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## Section 3: Composition/information on ingredients

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>dimethyl ether</b>	115-10-6 204-065-8 - 01-2119472128-37	25-50	Flam. Gas 1; H220 Press. Gas; H280 EUH018	/
<b>acetone</b>	67-64-1 200-662-2 - 01-2119471330-49	10-25	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/
<b>propan-2-ol</b>	67-63-0 200-661-7 - 01-2119457558-25	5-10	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	/
<b>n-butyl acetate</b>	123-86-4 204-658-1 - 01-2119485493-29	2.5-5	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/
<b>xylene</b>	1330-20-7 215-535-7 601-022-00-9	2.5-5	Flam. Liq. 3; H226 Acute Tox. 4; H312 Skin Irrit. 2; H315 Acute Tox. 4; H332	/
<b>ethyl acetate</b>	141-78-6 205-500-4 - 01-2119475103-46	1-2.5	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/
<b>1-methoxy-2-propyl acetate</b>	108-65-6 203-603-9 607-195-00-7	1-2.5	Flam. Liq. 3; H226	/
<b>ethanol</b>	64-17-5 200-578-6 603-002-00-5	1-2.5	Flam. Liq. 2; H225	/

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Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>ethyl benz ene</b>	100-41-4 202-849-4 601-023-00-4	1-2.5	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Acute Tox. 4; H332 STOT RE 2; H373 (hearing organs)	/
<b>reacti on produ ct: bisph enol- A- (epic hlorh ydrin) , epox y resin (num ber avera ge mole cular weig ht ≤ 700)</b>	25068-38-6 500-033-5 603-074-00-8	1-2.5	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	Skin Irrit. 2; H315; C ≥ 5% Eye Irrit. 2; H319; C ≥ 5%
<b>Cellul ose Nitrat e</b>	9004-70-0 - -	1-2.5	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335	/

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Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits
<b>Fatty acids, C18, unsaturated, dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine</b>	162627-17-0 605-296-0 -	0.1-1	Skin Sens. 1; H317	/

## Notes for substances

**C** Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.

In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

**U** When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:  
Press. Gas (Comp.)  
Press. Gas (Liq.)  
Press. Gas (Ref. Liq.)  
Press. Gas (Diss.)  
Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

## Section 4: First aid measures

### 4.1 Description of first aid measures

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## **General notes**

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

## **Following inhalation**

Remove patient to fresh air - move out of dangerous area. In case of unconsciousness bring patient into stable side position and seek medical attention. If breathing is irregular or respiratory arrest occurs provide artificial respiration. Keep at rest in a position comfortable for breathing. Seek medical help immediately.

## **Following skin contact**

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. Consult a physician.

## **Following eye contact**

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

## **Following ingestion**

Do not induce vomiting! Rinse mouth thoroughly with water. Immediately consult a doctor. Show the physician the safety data sheet or label.

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

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### **Following inhalation**

Vapours may cause drowsiness and dizziness.

### **Following skin contact**

No information.

### **Following eye contact**

Redness, tearing, pain.

### **Following ingestion**

Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.

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

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No information.

## **Section 5: Firefighting measures**

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### **5.1 Extinguishing media**

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#### **Suitable extinguishing media**

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

#### **Unsuitable extinguishing media**

Full water jet.

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

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#### **Hazardous combustion products**

No information.

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## 5.3 Advice for firefighters

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### Protective actions

Cool containers at risk with water spray. If possible remove containers from endangered area.

### Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

### Additional information

No information.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

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#### For non-emergency personnel

##### Protective equipment

No information.

##### Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

##### Emergency procedures

No information.

#### For emergency responders

No information.

### 6.2 Environmental precautions

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In case of release into the environment, inform the relevant authorities.

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

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#### For containment

No information.

#### For cleaning up

No information.

#### Other information

No information.

### 6.4 Reference to other sections

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See also sections 8 and 13.

## Section 7: Handling and storage

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### 7.1 Precautions for safe handling

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#### Protective measures

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## Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges.

## Measures to prevent aerosol and dust generation

No information.

## Measures to protect the environment

No information.

## Other measures

No information.

## Advice on general occupational hygiene

Use good personal hygiene practices - wash hands at breaks and when done working with material. Do not eat, drink or smoke while working.

## 7.2 Conditions for safe storage, including any incompatibilities

### Technical measures and storage conditions

Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs.

### Packaging materials

No information.

### Requirements for storage rooms and vessels

No information.

### Storage temperature

No information.

### Storage class

No information.

### Further information on storage conditions

No information.

## 7.3 Specific end use(s)

### Recommendations

No information.

### Industrial sector specific solutions

No information.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure limit values

Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
propan-2-ol	/	/	/	/	Short term (< 30 minut)	/



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Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
<b>Ethylbenzene (100-41-4)</b>	441	100	552	125	Sk	/
<b>Xylene, o-,m-,p- or mixed isomers (1330-20-7)</b>	220	50	441	100	Sk, BMGV	650 mmol methyl hippuric acid/mol creatinine in urine - Post shift
<b>1-Methoxypropyl acetate (108-65-6)</b>	274	50	548	100	Sk	/
<b>Acetone (67-64-1)</b>	1210	500	3620	1500	/	/
<b>Butyl acetate (123-86-4)</b>	724	150	966	200	/	/
<b>Dimethyl ether (115-10-6)</b>	766	400	958	500	/	/
<b>Ethanol (64-17-5)</b>	1920	1000	/	/	/	/
<b>Ethyl acetate (141-78-6)</b>	734	200	1468	400	/	/
<b>Propan-2-ol (67-63-0)</b>	999	400	1250	500	/	/

## Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure.

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Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

## DNEL/DMEL values

### For product

No information.

### For components

Name	Type	Exposure route	exp. frequency	Remark	Value
<b>dimethyl ether</b>	Worker	inhalation	long term systemic effects	/	1894 mg/m <sup>3</sup>
<b>dimethyl ether</b>	Consumer	inhalation	long term systemic effects	/	471 mg/m <sup>3</sup>
<b>acetone</b>	Worker	inhalation	long term systemic effects	/	1210 mg/m <sup>3</sup>
<b>acetone</b>	Worker	inhalation	short term local effects	/	2420 mg/m <sup>3</sup>
<b>acetone</b>	Worker	dermal	long term systemic effects	/	186 mg/kg bw/day
<b>acetone</b>	Consumer	inhalation	long term systemic effects	/	200 mg/m <sup>3</sup>
<b>acetone</b>	Consumer	dermal	long term systemic effects	/	62 mg/kg bw/day
<b>acetone</b>	Consumer	oral	long term systemic effects	/	62 mg/kg bw/day
<b>propan-2-ol</b>	Worker	inhalation	long term systemic effects	/	500 mg/m <sup>3</sup>
<b>propan-2-ol</b>	Worker	dermal	long term systemic effects	/	888 mg/kg bw/day
<b>propan-2-ol</b>	Consumer	inhalation	long term systemic effects	/	89 mg/m <sup>3</sup>
<b>propan-2-ol</b>	Consumer	dermal	long term systemic effects	/	319 mg/kg bw/day
<b>propan-2-ol</b>	Consumer	oral	long term systemic effects	/	26 mg/kg bw/day
<b>n-butyl acetate</b>	Worker	inhalation	long term systemic effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	short term systemic effects	/	600 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	long term local effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Worker	inhalation	short term local effects	/	600 mg/m <sup>3</sup>

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Name	Type	Exposure route	exp. frequency	Remark	Value
<b>n-butyl acetate</b>	Worker	dermal	long term systemic effects	/	11 mg/kg bw/day
<b>n-butyl acetate</b>	Worker	dermal	short term systemic effects	/	11 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	inhalation	long term systemic effects	/	35.7 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	short term systemic effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	long term local effects	/	35.7 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	inhalation	short term local effects	/	300 mg/m <sup>3</sup>
<b>n-butyl acetate</b>	Consumer	dermal	long term systemic effects	/	6 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	dermal	short term systemic effects	/	6 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	oral	long term systemic effects	/	2 mg/kg bw/day
<b>n-butyl acetate</b>	Consumer	oral	short term systemic effects	/	2 mg/kg bw/day

## PNEC values

### For product

No information.

### For components

Name	Exposure route	Remark	Value
<b>dimethyl ether</b>	fresh water	/	0.155 mg/L
<b>dimethyl ether</b>	water, intermittent release	/	1.549 mg/L
<b>dimethyl ether</b>	marine water	/	0.016 mg/L
<b>dimethyl ether</b>	water treatment plant	/	160 mg/L
<b>dimethyl ether</b>	fresh water sediment	dry weight	0.681 mg/kg
<b>dimethyl ether</b>	marine water sediment	dry weight	0.069 mg/kg
<b>dimethyl ether</b>	soil	dry weight	0.045 mg/kg
<b>acetone</b>	fresh water	/	10.6 mg/L
<b>acetone</b>	water, intermittent release	/	21 mg/L
<b>acetone</b>	marine water	/	1.06 mg/L
<b>acetone</b>	water treatment plant	/	100 mg/L
<b>acetone</b>	fresh water sediment	dry weight	30.4 mg/kg

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Name	Exposure route	Remark	Value
<b>acetone</b>	marine water sediment	dry weight	3.04 mg/kg
<b>acetone</b>	soil	dry weight	29.5 mg/kg
<b>propan-2-ol</b>	fresh water	/	140.9 mg/L
<b>propan-2-ol</b>	water, intermittent release	/	140.9 mg/L
<b>propan-2-ol</b>	marine water	/	140.9 mg/L
<b>propan-2-ol</b>	water treatment plant	/	2251 mg/L
<b>propan-2-ol</b>	fresh water sediment	dry weight	552 mg/kg
<b>propan-2-ol</b>	marine water sediment	dry weight	552 mg/kg
<b>propan-2-ol</b>	soil	dry weight	28 mg/kg
<b>propan-2-ol</b>	secondary poisoning	food	160 mg/kg
<b>n-butyl acetate</b>	fresh water	/	0.18 mg/L
<b>n-butyl acetate</b>	water, intermittent release	/	0.36 mg/L
<b>n-butyl acetate</b>	marine water	/	0.018 mg/L
<b>n-butyl acetate</b>	water treatment plant	/	35.6 mg/L
<b>n-butyl acetate</b>	fresh water sediment	dry weight	0.981 mg/kg
<b>n-butyl acetate</b>	marine water sediment	dry weight	0.098 mg/kg
<b>n-butyl acetate</b>	soil	dry weight	0.09 mg/kg

## 8.2 Exposure controls

### Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material.

#### Structural measures to prevent exposure

No information.

#### Organisational measures to prevent exposure

No information.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

### Personal protective equipment

#### Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022).

#### Hand protection

Protective gloves (EN ISO 374-1:2016). In case of prolonged exposure, wear protective gloves (BS EN ISO 374).

### Appropriate materials

#### Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345:2022).

#### Respiratory protection

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In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

## **Thermal hazards**

No information.

## **Environmental exposure controls**

### **Substance/mixture related measures to prevent exposure**

No information.

### **Instruction measures to prevent exposure**

No information.

### **Organisational measures to prevent exposure**

No information.

### **Technical measures to prevent exposure**

No information.

## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

#### **Important health, safety and environmental information**

<b>Physical state</b>	gas
<b>Shape</b>	aerosol
<b>Colour</b>	gray
<b>Odour</b>	solvent like
<b>Odour threshold</b>	No information.
<b>Melting/freezing point or softening point</b>	No information.
<b>Boiling point or initial boiling point and boiling range</b>	-24.9 °C
<b>Flammability</b>	No information.
<b>Lower and upper explosion limit</b>	2.6 % v/v (67-64-1 acetone) 18.6 % v/v (115-10-6 dimethyl ether)
<b>Flash point</b>	0 °C
<b>Auto-ignition temperature</b>	235 °C
<b>Decomposition temperature</b>	No information.
<b>pH</b>	Substance/mixture is non-soluble (in water). Does not apply
<b>Viscosity</b>	No information.
<b>Solubility</b>	No information.
<b>Partition coefficient n-octanol/water (log value)</b>	No information.
<b>Vapour pressure</b>	3400 hPa (115-10-6 dimethyl ether)
<b>Density</b>	0.882 g/cm <sup>3</sup>

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<b>Relative vapour/gas density</b>	No information.
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<b>Particle characteristics</b>	No information.
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## 9.2 Other information

### Information with regard to physical hazard classes

No information.

### Other safety characteristics

<b>Weight organic solvents</b>	840 g/l (VOC) 80 % (VOC (CH)) 80 % (VOC - includes the propellant)
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## Section 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No information.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

No information.

### 10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

### 10.5 Incompatible materials

No information.

### 10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## Section 11: Toxicological information

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

#### (a) Acute toxicity

For components

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Name	Exposure route	Type	Species	Time	Value	Method	Remark
<b>dimethyl ether</b>	inhalation	LC <sub>50</sub>	rat	4 h	308 mg/m <sup>3</sup>	/	/
<b>propan-2-ol</b>	oral	LD <sub>50</sub>	/	/	2000 mg/kg	/	/
<b>propan-2-ol</b>	oral	LD <sub>50</sub>	mouse	/	3600 mg/kg	/	/
<b>propan-2-ol</b>	oral	LD <sub>50</sub>	rabbit	/	6410 mg/kg	/	/
<b>propan-2-ol</b>	oral	LD <sub>50</sub>	rat	/	4570 mg/kg	/	/
<b>propan-2-ol</b>	oral	LD <sub>50</sub>	rat	/	> 5000 mg/kg	/	/
<b>propan-2-ol</b>	oral	LD <sub>50</sub>	rat	/	5840 mg/kg	OECD 401	experimental value
<b>propan-2-ol</b>	oral	ATE	/	/	4396 mg/kg	/	/
<b>propan-2-ol</b>	oral	LDLo	human	/	100 ml	/	estimate
<b>propan-2-ol</b>	dermal	LD <sub>50</sub>	/	/	2000 mg/kg	/	/
<b>propan-2-ol</b>	dermal	LD <sub>50</sub>	mouse	/	6 mg/kg	/	/
<b>propan-2-ol</b>	dermal	LD <sub>50</sub>	rabbit	/	13400 mg/kg	/	/
<b>propan-2-ol</b>	dermal	LD <sub>50</sub>	rabbit	/	139000 mg/kg	/	/
<b>propan-2-ol</b>	dermal	LD <sub>50</sub>	rat	/	12800 mg/kg	/	/
<b>propan-2-ol</b>	dermal	LD <sub>50</sub>	rabbit	4 h	> 2000 mg/kg	OECD 402	experimental value
<b>propan-2-ol</b>	dermal	LD <sub>50</sub>	rabbit	24 h	16.4 ml/kg	OECD 402	experimental value
<b>propan-2-ol</b>	dermal	ATE	/	/	12870 mg/kg	/	/
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	/	4 h	5 mg/l	/	vapour
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	mouse	4 h	27.2 - 48 mg/l	/	vapour
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	4 h	72.6 mg/l	/	/

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Name	Exposure route	Type	Species	Time	Value	Method	Remark
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	4 h	30 mg/l	/	vapour
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	4 h	30 mg/l	/	dust/aerosol
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rabbit	4 h	12800 ppmV	/	gas
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	4 h	30 ppmV	/	gas
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	8 h	> 10 mg/l	/	/
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	/	/	> 5000 mg/l	/	/
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	4 h	28500 ppm	/	/
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	4 h	30000 mg/m <sup>3</sup>	/	/
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	6 h	> 25000 mg/l	/	/
<b>propan-2-ol</b>	inhalation	LC <sub>50</sub>	rat	8 h	47.5 mg/m <sup>3</sup>	/	/
<b>propan-2-ol</b>	INV	LD <sub>50</sub>	rat	/	1088 mg/kg bw	/	/
<b>propan-2-ol</b>	SCU	LD <sub>50</sub>	mouse	/	6 mg/kg bw	/	/
<b>propan-2-ol</b>	inhalation (vapours)	LC <sub>50</sub>	rat	6 h	> 10000 ppm	OECD 403	experimental value
<b>n-butyl acetate</b>	dermal	LD <sub>50</sub>	rabbit	/	5000 mg/kg	/	/
<b>n-butyl acetate</b>	inhalation	LC <sub>50</sub>	rat	4 h	9.6 - 29.2 mg/l	/	dust/aerosol
<b>n-butyl acetate</b>	oral	LD <sub>50</sub>	rat	/	4700 mg/kg	/	/

## (b) Skin corrosion/irritation

### For components

Name	Species	Time	result	Method	Remark
<b>propan-2-ol</b>	/	/	(Rabbit)	/	/
<b>propan-2-ol</b>	/	/	Irritating.	/	/



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Name	Species	Time	result	Method	Remark
<b>propan-2-ol</b>	/	/	Non-irritant.	/	/
<b>propan-2-ol</b>	/	/	With prolonged exposure leads to dry skin.	/	/
<b>propan-2-ol</b>	/	/	{p:13263}	/	/
<b>propan-2-ol</b>	human	/	Non-irritant.	Human observation	experimental value
<b>propan-2-ol</b>	rabbit	/	Mild irritating.	OECD 404 (Acute Dermal Irritation/Corrosion)	/

## (c) Serious eye damage/irritation

### For components

Name	Exposure route	Species	Time	result	Method	Remark
<b>propan-2-ol</b>	/	/	/	Irritating.	/	/
<b>propan-2-ol</b>	/	/	/	Steam at high concentrations cause irritation.	/	/
<b>propan-2-ol</b>	/	rabbit	/	Severe irritation.	OECD 405 Acute Eye Irritation/Corrosion	experimental value
<b>propan-2-ol</b>	/	rabbit	/	No irritant effect.	OECD 405 Acute Eye Irritation/Corrosion	/

## (d) Respiratory or skin sensitisation

### For components

Name	Exposure route	Species	Time	result	Method	Remark
<b>propan-2-ol</b>	dermal	/	/	Guinea pig	/	/
<b>propan-2-ol</b>	dermal	/	/	Non sensitising.	/	/
<b>propan-2-ol</b>	dermal	/	/	OECD Guideline 406 (Skin Sensitisation)	/	/

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Name	Exposure route	Species	Time	result	Method	Remark
<b>propan-2-ol</b>	dermal	Guinea pig (male/female)	/	Non sensitising.	Buehler test	/
<b>propan-2-ol</b>	dermal	Guinea pig (male/female)	21 days	Non sensitising.	OECD 406 (Skin Sensitization)	24, 48 h; experimental value

## (e) (Germ cell) mutagenicity

### For components

Name	Type	Species	Time	result	Method	Remark
<b>propan-2-ol</b>	in-vitro mutagenicity	/	/	Negative with metabolic activation, negative without metabolic activation.	/	/
<b>propan-2-ol</b>	in-vitro mutagenicity	Bacteria ( <i>S. typhimurium</i> )	/	Negative.	OECD 471 (EU B. 12/13)	experimental value
<b>propan-2-ol</b>	in-vitro mutagenicity	Chinese hamster ovary	/	Negative.	OECD 476	experimental value
<b>propan-2-ol</b>	in-vivo mutagenicity	mouse	/	Negative.	OECD 474	experimental value

## (f) Carcinogenicity

### For components

Name	Exposure route	Type	Species	Time	Value	result	Method	Remark
<b>propan-2-ol</b>	inhalation (vapours)	NOEL	mouse	546 days	5000 ppm	No effect	OECD 451 Carcinogenicity Studies	5 days per week, 6 h per day; experimental value

## (g) Reproductive toxicity

### For components

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Name	Reproductive toxicity type	Type	Species	Time	Value	result	Method	Remark
<b>propa n-2-ol</b>	Developmental toxicity	NOAEL	rat	1 month	596 mg/kg /day	/	OECD 414	Weight of evidence
<b>propa n-2-ol</b>	Effects on fertility	NOAEL (F1)	rat	/	500 mg/kg /day	/	OECD 416	Weight of evidence
<b>propa n-2-ol</b>	Effects on fertility	NOEL	rat	70 days	853 mg/kg /day	/	OECD 415	Weight of evidence

## Summary of evaluation of the CMR properties

No information.

## (h) STOT-single exposure

### For components

Name	Exposure route	Type	Species	Time	Exposure	organ	Value	result	Method	Rem
<b>propa n-2-ol</b>	inhalation	/	/	/	/	/	/	Vapors may cause drowsiness and dizziness.	/	/
<b>propa n-2-ol</b>	inhalation	/	/	/	/	/	/	Causes respiratory tract irritation.	/	/
<b>propa n-2-ol</b>	inhalation	/	/	/	/	/	/	Symptoms: headache, dizziness, nausea, vomiting, drowsiness.	/	/

## (i) STOT-repeated exposure

### For components

Name	Exposure route	Type	Species	Time	Exposure	organ	Value	result	Method	Rem
<b>acetone</b>	dermal	-	/	/	/	/	/	Prolonged exposure causes skin irritation.	/	/

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Name	Exposure route	Type	Species	Time	Exposure	organ	Value	result	Method	Remark
<b>propan-2-ol</b>	inhalation (vapours)	NOAEL	rat	104 weeks	sub-chronic	general	5000 ppm	No effect.	OECD 451	6 h/day/week
<b>propan-2-ol</b>	inhalation (vapours)	-	rat	6 h	sub-chronic	central nervous system	5000 ppm	Drowsiness, dizziness	OECD 403	exp. val.

## (j) Aspiration hazard

No information.

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

No information.

## Interactive effects

No information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

### Other information

No information.

## Section 12: Ecological information

### 12.1 Toxicity

#### Acute (short-term) toxicity

##### For components

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
<b>dimethyl ether</b>	EC <sub>50</sub>	> 4000 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	LC <sub>50</sub>	9640 mg/L	96 h	fish	/	/	/
<b>propan-2-ol</b>	LC <sub>50</sub>	> 100 mg/L	48 h	fish	/	/	/
<b>propan-2-ol</b>	LC <sub>50</sub>	9.64 mg/L	96 h	fish	/	/	/

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Name	Type	Value	Exposure time	Species	Organism	Method	Remark
<b>propan-2-ol</b>	LC <sub>50</sub>	9640 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
<b>propan-2-ol</b>	LC <sub>50</sub>	mg/L	96 h	fish	<i>Pimephales promelas</i>	OECD Guideline 203 (Fish, Acute Toxicity Test)	/
<b>propan-2-ol</b>	LC <sub>50</sub>	8970 mg/L	48 h	fish	<i>Leuciscus idus</i>	/	/
<b>propan-2-ol</b>	LC <sub>50</sub>	9640 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
<b>propan-2-ol</b>	LC <sub>50</sub>	9640 mg/L	96 h	fish	<i>Pimephales promelas</i>	OECD Guideline 203 (Fish, Acute Toxicity Test)	/
<b>propan-2-ol</b>	LC <sub>50</sub>	9640 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
<b>propan-2-ol</b>	LC <sub>50</sub>	9714 mg/L	24 h	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	LC <sub>50</sub>	2285 - 13299 mg/L	48 h	daphnia	/	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	13299 mg/L	48 h	crustacea	/	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	13299 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	mg/L	48 h	crustacea	<i>Daphnia magna</i>	202 (Daphnia sp. Acute Immobilisation Test)	/
<b>propan-2-ol</b>	EC <sub>50</sub>	3.8 mg/L	8 h	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	9714 mg/L	24 h	crustacea	<i>Daphnia magna</i>	/	/

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Name	Type	Value	Exposure time	Species	Organism	Method	Remark
<b>propan-2-ol</b>	EC <sub>50</sub>	13299 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	1800 mg/L	24 h	algae	/	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	> 1000 mg/L	72 h	algae	/	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	1000 mg/L	72 h	algae	/	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	1000 mg/L	72 h	algae	<i>Desmodesmus subspicatus</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	100 mg/kg	72 h	algae	<i>Desmodesmus subspicatus</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	1000 mg/L	72 h	algae	<i>Scenedesmus subspicatus</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	> 1000 mg/L	72 h	algae	<i>Scenedesmus subspicatus</i>	UBA	Experimental value growth rate
<b>propan-2-ol</b>	EC <sub>50</sub>	5175 mg/L	/	bacteria	/	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	41676 mg/L	30 min	bacteria	Activated sludge	DIN EN ISO 8192	experimental value activated sludge
<b>propan-2-ol</b>	EC <sub>50</sub>	1050 mg/L	16 h	bacteria	<i>Pseudomonas putida</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	5175 mg/L	18 h	bacteria	<i>Pseudomonas putida</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	9714 mg/L	24 h	daphnia	/	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	13299 mg/L	48 h	daphnia	<i>Daphnia magna</i>	/	experimental value
<b>propan-2-ol</b>	EC <sub>50</sub>	13299 mg/L	48 h	daphnia	<i>Daphnia magna</i>	/	/

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Name	Type	Value	Exposure time	Species	Organism	Method	Remark
<b>propan-2-ol</b>	EC <sub>50</sub>	> 100 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	13299 mg/L	48 h	crustacea	<i>Daphnia magna</i>	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)	/
<b>propan-2-ol</b>	EC <sub>50</sub>	10000 mg/L	24 h	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	1000 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	mg/L	96 h	Aquatic plants	<i>Scenedesmus subspicatus</i>	OECD Guideline 201 (Alga, Growth Inhibition Test)	/
<b>propan-2-ol</b>	EC <sub>50</sub>	> 1000 mg/L	/	microorganisms	Activated sludge	/	/
<b>propan-2-ol</b>	IC <sub>50</sub>	1000 mg/L	72 h	algae	<i>Desmodesmus subspicatus</i>	/	/
<b>propan-2-ol</b>	IC <sub>50</sub>	1000 mg/L	72 h	algae	<i>Scenedesmus subspicatus</i>	/	/
<b>propan-2-ol</b>	ErC <sub>50</sub>	> 100 mg/L	72 h	algae	<i>Pseudokirchneriella subcapitata</i>	/	/
<b>propan-2-ol</b>	ErC <sub>50</sub>	> 1000 mg/L	72 h	algae	<i>Scenedesmus subspicatus</i>	/	/
<b>propan-2-ol</b>	EC <sub>10</sub>	5175 mg/L	18 h	bacteria	<i>Pseudomonas putida</i>	/	/
<b>propan-2-ol</b>	EC <sub>10</sub>	5175 mg/L	18 h	activated sludge	<i>Pseudomonas putida</i>	DIN 38412/part 8	/

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Name	Type	Value	Exposure time	Species	Organism	Method	Remark
<b>propan-2-ol</b>	LC0	100 mg/L	48 h	fish	<i>Leuciscus idus</i>	/	/
<b>propan-2-ol</b>	LC/EC/IC <sub>50</sub>	100 - 1000 mg/L	/	fish	/	/	/
<b>propan-2-ol</b>	LC/EC/IC <sub>50</sub>	> 1000 mg/L	/	daphnia	/	/	/
<b>propan-2-ol</b>	LC/EC/IC <sub>50</sub>	100 mg/L	48 h	daphnia	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	LC <sub>50</sub> /EC <sub>50</sub> /IC <sub>50</sub>	> 1000 mg/L	/	algae	/	/	/
<b>propan-2-ol</b>	LC <sub>50</sub> /EC <sub>50</sub> /IC <sub>50</sub>	> 1000 mg/L	/	bacteria	/	/	/
<b>propan-2-ol</b>	EC <sub>50</sub>	> 1000 mg/L	96 h	algae	<i>Desmodesmus subspicatus</i>	OECD Guideline 201 (Alga, Growth Inhibition Test)	/
<b>propan-2-ol</b>	LC <sub>50</sub>	9640 mg/L	96 h	fish	<i>Pimephales promelas</i>	OECD Guideline 203 (Fish, Acute Toxicity Test)	Flow-through system, Fresh water, Experimental value lethal
<b>n-butyl acetate</b>	LC <sub>50</sub>	18 mg/L	96 h	fish	/	/	/
<b>n-butyl acetate</b>	EC <sub>50</sub>	44 mg/L	48 h	crustacea	/	/	/
<b>n-butyl acetate</b>	EC <sub>50</sub>	675 mg/L	72 h	algae	/	/	/

## Chronic (long-term) toxicity

### For components

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
<b>propan-2-ol</b>	NOEC	30 mg/l	21 days	crustacea	<i>Daphnia magna</i>	/	/
<b>propan-2-ol</b>	NOEC	1800 mg/l	7 days	algae	<i>Algae</i>	/	/
<b>propan-2-ol</b>	LOEC	1000 mg/l	8 days	algae	/	/	/



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## 12.2 Persistence and degradability

### Abiotic degradation, physical- and photo-chemical elimination

No information.

### Biodegradation

#### For components

Name	Type	Rate	Time	Evaluation	Method	Remark
acetone	-	/	/	readily biodegradable	/	/
propan-2-ol	aerobic	%	/	readily biodegradable	/	/
propan-2-ol	aerobic	%	/	readily biodegradable	OECD 301 E	/
propan-2-ol	aerobic	53 %	/	/	EU C.6	/
propan-2-ol	aerobic	86 %	/	readily biodegradable	/	100 mg/l
propan-2-ol	aerobic	95 %	/	readily biodegradable	OECD 301 E	experimental value
propan-2-ol	aerobic	95 %	/	readily biodegradable	OECD 301 E	/
propan-2-ol	BOD <sub>5</sub> /COD	0.53	/	/	/	/
propan-2-ol	BOD <sub>5</sub> /COD	0.53	/	/	/	/
propan-2-ol	COD	2.23 g O <sub>2</sub> /g	/	/	/	/
propan-2-ol	BOD	1.19 g O <sub>2</sub> /g	/	/	/	/
ethyl acetate	Water solubility	> 10000 mg/L	/	/	/	/
ethyl acetate	biodegradability	/	/	rapidly biodegradable	/	/

## 12.3 Bioaccumulative potential

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## Partition coefficient n-octanol/water (log value)

### For components

Name	Value	Temperature °C	pH	Concentration	Method
acetone	-0.23	/	/	/	/
propan-2-ol	0.05	/	/	/	/
propan-2-ol	0.05	/	/	/	Experimental value, BASF test
ethyl acetate	0.68	/	/	/	/

## Bioconcentration factor (BCF)

### For components

Name	Species	Organism	Value	Duration	Evaluation	Method	Remark
acetone	BCF	/	3	/	/	/	/
propan-2-ol	organism	/	< 100	/	/	/	/
propan-2-ol	BCF	/	3	/	/	/	/
ethyl acetate	BCF	/	30	/	/	/	/

## 12.4 Mobility in soil

### Known or predicted distribution to environmental compartments

No information.

### Surface tension

#### For components

Name	Value	Temperature °C	Concentration	Method	Remark
propan-2-ol	22400 N/m	/	/	/	/

### Adsorption/Desorption

#### For components

Name	Type	Criterion	Value	Evaluation	Method	Remark
propan-2-ol	Soil	Henry constant (H)	0.82 Pa.m <sup>3</sup> / mol	/	/	/
propan-2-ol	Soil	log KOC	1.5	/	/	/

## 12.5 Results of PBT and vPvB assessment

No evaluation.

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## 12.6 Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

## 12.7 Other adverse effects

No information.

## 12.8 Additional information

For components

propan-2-ol

Product is easily biodegradable.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW

No information.

Packaging

Deliver completely emptied containers to approved waste disposal authorities.

Waste codes / waste designations according to LoW

No information.

Waste treatment-relevant information

No information.

Sewage disposal-relevant information

No information.

Other disposal recommendations

No information.

## Section 14: Transport information

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number or ID number</b>			
UN 1950	UN 1950	UN 1950	UN 1950
<b>14.2 UN proper shipping name</b>			
AEROSOLS	AEROSOLS	AEROSOLS	AEROSOLS





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ADR/RID	IMDG	IATA	ADN
<b>14.3 Transport hazard class(es)</b>			
2	2	2	2
			
<b>14.4 Packing group</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
<b>14.5 Environmental hazards</b>			
NO	NO	NO	NO
<b>14.6 Special precautions for user</b>			
Limited quantities 1 L Special provisions 190, 327, 344, 625 Packing Instructions P207, LP200 Special packing provisions PP87, RR6, L2 Transport category 2 Tunnel restriction code (D) Classification code 5F	Limited quantities 1 L EmS F-D, S-U Flash point 0 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y203 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 30 kg G Packing Instructions (Pkg Inst) 203 Maximum Net Quantity/Package (Max Net Qty/Pkg) 25 kg Special provisions A145, A167, A802	Limited quantities 1 L
<b>14.7 Maritime transport in bulk according to IMO instruments</b>			
	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: 2100 Epo-Prime

Creation date: 15.11.2022, Revision: 26.03.2025, Version: 14.0

## Section 15: Regulatory information

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

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- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

EU limit values and category: B(e) 840 g/l. VOC Content: 840 g/l

#### Ingredients according to Regulation (EC) No 648/2004 on detergents

No information.

#### Special instructions

No information.

### 15.2 Chemical Safety Assessment

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No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## Section 16: Other information

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#### Indication of changes

9.1 Information on basic physical and chemical properties

#### Key literature references and sources for data

No information.

#### Abbreviations and acronyms

ATE - Acute Toxicity Estimate

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

CEN - European Committee for Standardisation

C&L - Classification and Labelling

CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

CAS# - Chemical Abstracts Service number

CMR - Carcinogen, Mutagen, or Reproductive Toxicant

CSA - Chemical Safety Assessment

CSR - Chemical Safety Report

DMEL - Derived Minimal Effect Level

DNEL - Derived No Effect Level

DPD - Dangerous Preparations Directive 1999/45/EC

DSD - Dangerous Substances Directive 67/548/EEC

DU - Downstream User

EC - European Community

ECHA - European Chemicals Agency

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **2100 Epo-Prime**

Creation date: **15.11.2022**, Revision: **26.03.2025**, Version: **14.0**

EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW - see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No 1907/2006)  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern

# SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **2100 Epo-Prime**

Creation date: **15.11.2022**, Revision: **26.03.2025**, Version: **14.0**

UN - United Nations

vPvB - Very Persistent and Very Bioaccumulative

## **List of relevant H phrases**

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

EUH018 In use, may form flammable/explosive vapour-air mixture.

EUH066 Repeated exposure may cause skin dryness or cracking.