

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 13 (replaces version 3)

Revision: 07.06.2023

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

**1.1 Product identifier**

Trade name: **weberepox easy, Component Hardener**

Safety data sheet no.: XXP015009-b

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

The product is intended for industrial or professional use.

**Application of the substance / the mixture** Epoxy resin adhesive

**Uses advised against**

Not intended for consumer use, as this use is not covered by the exposure scenarios of some of the components.

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

**Manufacturer/Supplier:**

Saint-Gobain Finland Oy / Weber

PL 70

(Strömberginkuja 2)

FIN-00381 Helsinki

Tel. +358-(0)10-44 22 00

Fax +358-(0)10-44 22 295

DL-productsafety.fi@saint-gobain.com

www.fi.weber

**1.4 Emergency telephone number:**

0800 147 111 (toll-free)

09 471 977 (standard rate)

Finnish Poison Information Centre

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

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

Skin Corr. 1B      H314 Causes severe skin burns and eye damage.

Eye Dam. 1      H318 Causes serious eye damage.

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

Aquatic Acute 1      H400 Very toxic to aquatic life.

Aquatic Chronic 1      H410 Very toxic 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**



GHS05   GHS07   GHS09

**Signal word** Danger

**Hazard-determining components of labelling:**

Fatty acids C18 unsat, reaction products with tetraethylenepentamine

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3-aminomethyl-3,5,5-trimethylcyclohexylamine  
Amines, polyethylenepoly-, tetraethylenepentamine fraction

**Hazard statements**

H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

Restricted to professional users.

**2.3 Other hazards**

The product contains silica sand with less than 1% of fine fraction and therefore is not classified as hazardous; however, pay attention when handling and follow the indications relating to personal protective equipment.

**Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**Determination of endocrine-disrupting properties**

Does not contain substances with endocrine-disrupting properties.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

**Description:** Mixture consisting of the following components.

**Dangerous components:**

CAS: 14808-60-7 EINECS: 238-878-4	Silicon dioxide (Quartz sand) substance with a Community workplace exposure limit	50-80%
CAS: 1226892-45-0 EC number: 629-725-6 Reg.nr.: 01-2119487006-38-xxxx	Fatty acids C18 unsat, reaction products with tetraethylenepentamine ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ⚠ Skin Sens. 1A, H317	≥10-<25%

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CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Reg.nr.: 01-2119514687-32-xxxx	3-aminomethyl-3,5,5-trimethylcyclohexylamine ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317 ATE: LD50 oral: 1,030 mg/kg Specific concentration limit: Skin Sens. 1A; H317: C ≥0.001 %	5-10%
CAS: 90640-66-7 EINECS: 292-587-7 Reg.nr.: 01-2119487290-37-xxxx	Amines, polyethylenepoly-, tetraethylenepentamine fraction ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317	5-10%

**SVHC** Void

**Additional information**

The product contains silica sand composed of quartz (crystalline silica) with a fine fraction below 1%. The respirable fraction has an occupational exposure limit value (cf. section 8). For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures**
**General information**

Seek immediate medical advice

Never administer anything by mouth to an unconscious person.

If unconscious, place the patient in a stable side position and consult a doctor

**After inhalation**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact**

Seek immediate medical advice.

Immediately rinse with water.

Remove contaminated gloves, clothing, footwear or other items and wash thoroughly before re-use.

**After eye contact**

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and lukewarm water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't let the person to rub the affected eye.

**After swallowing**

Call a doctor immediately.

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

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

Burns

Allergic reactions

Irritation of the skin

Irritation of the eye tissue, watery eyes

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

No further relevant information available.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

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

Nitrogen oxides (NO<sub>x</sub>)

Ammonia (NH<sub>3</sub>)

#### 5.3 Advice for firefighters

##### Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

##### Additional information

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

Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

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

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid inhalation of vapors.

Avoid contact with skin and eyes.

Wear protective clothing.

Ensure adequate ventilation.

#### 6.2 Environmental precautions:

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

Do not allow to penetrate the ground/soil.

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

Absorb liquid components with liquid-binding material.

Dispose of the material collected according to regulations.

Dispose of contaminated material as waste according to section 13.

Ensure adequate ventilation.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling

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 contact with skin and eyes.

Do not breath vapours.

Prevent formation of aerosols.

##### Information about fire - and explosion protection:

Keep respiratory protective device available.

Do not smoke

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

**Storage**

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

Ensure sufficient ventilation for storage and work areas.

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:**

Store in a cool place.

Store receptacle in a well ventilated area.

Store under lock and key and with access restricted to technical experts or their assistants only.

Keep container tightly sealed.

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

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

**8.1 Control parameters**

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

<b>DNELs</b>		
<b>CAS: 1226892-45-0 Fatty acids C18 unsat, reaction products with tetraethylenepentamine</b>		
Oral	Derived No Effect Level	0.5 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	1.4 mg/kgxday (worker systemic long term value)
		0.5 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	9.87 mg/m <sup>3</sup> (worker systemic long term value)
		1.74 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>		
Oral	Derived No Effect Level	0.3 mg/kgxday (consumer systemic long term value)
		0.3 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	0.073 mg/m <sup>3</sup> (worker local short term value)
		0.073 mg/m <sup>3</sup> (worker local long term value)
<b>CAS: 90640-66-7 Amines, polyethylenepoly-, tetraethylenepentamine fraction</b>		
Oral	Derived No Effect Level	0.21 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.25 mg/cm <sup>2</sup> (worker local long term value)
		0.0208 mg/cm <sup>2</sup> (consumer local long term value)
Inhalative	Derived No Effect Level	0.82 mg/m <sup>3</sup> (worker systemic long term value)
		0.14 mg/m <sup>3</sup> (consumer systemic long term value)
<b>PNECs</b>		
<b>CAS: 1226892-45-0 Fatty acids C18 unsat, reaction products with tetraethylenepentamine</b>		
Predicted No-Effect Concentration		0.00307 mg/l (sea water rating factor)
		0.0307 mg/l (fresh water rating factor)
<b>CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>		
Predicted No-Effect Concentration		1.121 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		0.006 mg/l (sea water rating factor)
		0.06 mg/l (fresh water rating factor)

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<b>CAS: 90640-66-7 Amines, polyethylenepoly-, tetraethylenepentamine fraction</b>	
Predicted No-Effect Concentration	0.01 mg/l (fresh water rating factor)
<b>CAS No. / Designation of material / % / Type / Value / Unit</b>	
<b>CAS: 14808-60-7 Silicon dioxide (Quartz sand)</b>	
BOELV (European Union)	Long-term value: 0.1* mg/m <sup>3</sup> *respirable fraction
MAK (Germany)	alveolengängige Fraktion
GV (Denmark)	Short-term value: 0.6* 0.2** mg/m <sup>3</sup> Long-term value: 0.3* 0.1** mg/m <sup>3</sup> *total:, **total, respirabel: K
LEP (Spain)	Long-term value: 0.05 mg/m <sup>3</sup> *Fracción resp:n,d,y
TWA (Italy)	Long-term value: 0.025 mg/m <sup>3</sup> A2, (j)
VLE (Portugal)	Long-term value: 0.025 mg/m <sup>3</sup> Resp.;A2; fibrose pulmonar; cancro do pulmão
OEL (Sweden)	Long-term value: 0.1 mg/m <sup>3</sup> C, M, respirabel fraktion
HTP (Finland)	Long-term value: 0.05 0.1* mg/m <sup>3</sup> alveolijae;*sitovat raja-arvot, pöly
<b>CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>	
MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb

### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

#### General protective and hygienic measures:

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

Immediately remove all soiled and contaminated clothing.

Store protective clothing separately.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Ensure adequate ventilation during use.

Do not inhale gases / fumes / aerosols.

#### Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device.

**Hand protection** Protective gloves against chemicals (standard EN 374-1)

#### Material of gloves

Silver Shield®

Butyl rubber, BR

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.3 mm

#### Eye/face protection

Protective eyewear (standard EN 166)

Tightly sealed goggles

**Body protection:** Protective work clothing.

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**Thermal hazards** No further information available.

**Environmental exposure controls**

Prevent enter of the product into drains, surface and groundwater and soil.

**SECTION 9: Physical and chemical properties**

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

**General Information**

<b>Colour:</b>	Brown
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Not applicable Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	247 °C
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	112 °C
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Not miscible or difficult to mix
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Relative density</b>	Not determined.
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined.

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Liquid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Minimum ignition energy</b>	
<b>Solvent separation test:</b>	Not determined
<b>EU-VOC (%)</b>	0.0000 %
<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.

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**Evaporation rate** Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** Not reactive under normal conditions of use

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with strong acids

Reacts with oxidizing agents

Reacts with nitric acid

Reacts with nitrous acid

Reacts with Sodium Hypochlorite

Forms carcinogenic nitrosamines with nitrites

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** Oxydising agents.

**10.6 Hazardous decomposition products:**

Carbon monoxide and carbon dioxide

Ammonia

Nitrogen oxides (NOx)

Nitric acid

**SECTION 11: Toxicological information**

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

**Acute toxicity** Based on available data, the classification criteria are not met.

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**LD/LC50 values relevant for classification:**

Components	/	Type	/	Value	/	Species
<b>CAS: 1226892-45-0 Fatty acids C18 unsat, reaction products with tetraethylenepentamine</b>						
Oral		LD50		>2,000 mg/kg		(Rat)
<b>CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>						
Oral		LD50		1,030 mg/kg		(ATE)
				1,030 mg/kg		(Rat)
Dermal		LD50		>2,000 mg/kg		(Rat)
<b>CAS: 90640-66-7 Amines, polyethylenepoly-, tetraethylenepentamine fraction</b>						
Oral		LD50		3,221 mg/kg		(Rat)
Dermal		LD50		1,260 mg/kg		(Rabbit)

**Skin corrosion/irritation** Causes severe skin burns and eye damage.

**Serious eye damage/irritation** Causes serious eye damage.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**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.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:** Very toxic to aquatic life with long lasting effects.

Type of test	/	Effective concentration	/	Method	/	Assessment
<b>CAS: 1226892-45-0 Fatty acids C18 unsat, reaction products with tetraethylenepentamine</b>						
LC50/48h		0.24 mg/l		(Daphnia magna)		
		0.21 mg/l		(Fish)		
LC50/96h		0.19 mg/l		(Fish)		
EC50/24h		0.42 mg/l		(Daphnia magna)		
EC50/48h		0.18-1.4 mg/l		(Daphnia magna)		
<b>CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b>						
LC50/48h		388 mg/l		(aquatic invertebrates)		
LC50/24h		572 mg/l		(aquatic invertebrates)		
LC50/96h		324 mg/l		(aquatic invertebrates)		
		110 mg/l		(Fish)		
EC50/24h		27 mg/l		(aquatic invertebrates)		
EC50/48h		23 mg/l		(aquatic invertebrates)		

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EC50/72h	50 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	100 mg/l (aquatic invertebrates)
NOEC (48h)	8.3 mg/l (aquatic invertebrates)
NOEC (21d)	3 mg/l (aquatic invertebrates)
EC 10/18h	1.12 mg/l (microorganisms)

**CAS: 90640-66-7 Amines, polyethylenepoly-, tetraethylenepentamine fraction**

LC50/96h	420 mg/l (Fish)
EC50/48h	24.1 mg/l (Daphnia magna)
EC50/72h	6.8 mg/l (Algae)

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential**

**CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

EBAB	0.99 log Pow
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**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Remark:**

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

The product contains substances which are toxic to fishes and bacteria.

Very toxic for fish

**Behaviour in sewage processing plants:**

Type of test / Effective concentration / Method / Assessment	
<b>CAS: 1226892-45-0 Fatty acids C18 unsat, reaction products with tetraethylenepentamine</b>	
EC 50 (3h)	0.638 mg/l (Algae)
	114 mg/l (Pseudomonas putida (Bacteria))

**Additional ecological information:**

**General notes:**

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Must not reach sewage water or drainage.

Very toxic for aquatic organisms

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Dispose of the product in accordance with national and local regulations.

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European waste catalogue	
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
HP8	Corrosive
HP13	Sensitising
HP14	Ecotoxic

**Uncleaned packaging:**

**Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

**SECTION 14: Transport information**

<b>14.1 UN number or ID number ADR, IMDG, IATA</b>	UN2735
<b>14.2 UN proper shipping name ADR</b>	2735 AMINES, LIQUID, CORROSIVE, N.O.S. ( I S O P H O R O N E D I A M I N E , T E T R A E T H Y L E N E P E N T A M I N E ) , ENVIRONMENTALLY HAZARDOUS
<b>IMDG</b>	AMINES, LIQUID, CORROSIVE, N.O.S. ( I S O P H O R O N E D I A M I N E , T E T R A E T H Y L E N E P E N T A M I N E ) , MARINE POLLUTANT
<b>IATA</b>	AMINES, LIQUID, CORROSIVE, N.O.S. ( I S O P H O R O N E D I A M I N E , T E T R A E T H Y L E N E P E N T A M I N E )
<b>14.3 Transport hazard class(es) ADR</b>	
	 
<b>Class Label</b>	8 (C7) Corrosive substances. 8
<b>IMDG</b>	
	 
<b>Class Label</b>	8 Corrosive substances. 8

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**IATA**



**Class** 8 Corrosive substances.  
**Label** 8

**14.4 Packing group**  
**ADR, IMDG, IATA** III

**14.5 Environmental hazards:** Product contains environmentally hazardous substances: Fatty acids, tall-oil, reaction products with tetraethylenepentamine

**Marine pollutant:** Yes

**Special marking (ADR):** Symbol (fish and tree)

**14.6 Special precautions for user** Warning: Corrosive substances.  
**Hazard identification number (Kemler code):** 80  
**EMS Number:** F-A,S-B  
**Segregation groups** (SGG18) Alkalis  
**Stowage Category** A  
**Segregation Code** SG35 Stow "separated from" SGG1-acids

**14.7 Maritime transport in bulk according to IMO instruments** Not applicable.

**Transport/Additional information:**

**ADR**  
**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** Code: E1  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 1000 ml

**Transport category** 3  
**Tunnel restriction code** E

**IMDG**  
**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** Code: E1  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 1000 ml

**UN "Model Regulation":** UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. ( I S O P H O R O N E D I A M I N E , T E T R A E T H Y L E N E P E N T A M I N E ) , 8 , III , ENVIRONMENTALLY HAZARDOUS

EUG

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**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

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**SECTION 15: Regulatory information**

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

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Directive 2004/42/EC (VOC), cf. section 9

**Labelling according to Regulation (EC) No 1272/2008** cf. section 2

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**Seveso category** E1 Hazardous to the Aquatic Environment

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**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 Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**Relevant phrases**

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

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H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

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

	Calculation method
Skin corrosion/irritation	
Serious eye damage/irritation	
Skin sensitisation	
Hazardous to the aquatic environment - short-term (acute) aquatic hazard	
Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	

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**Date of previous version:** 25.05.2021

**Version number of previous version:** 3

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organisation  
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)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern (REACH regulation)  
vPvB: very Persistent and very Bioaccumulative  
ATE: Acute toxicity estimate values  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1A: Skin sensitisation – Category 1A  
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

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

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.

