

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 27.03.2025

Version number 214.06 (replaces version 214.05)

Revision: 27.03.2025

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

1.1 Product identifier

Trade name LotuSCare® VO1**Other trade names:****Article number:** 1000912023054**UFI:** N29Y-G14R-C00G-78WV

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

Restrictions on use:

Restrictions on use according to REGULATION (EC) No 1907/2006 ANNEX XVII apply to this product (see section 15).

Application of the substance / the mixture Cleaning agent / Cleaner

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

STOCKMEIER Chemie GmbH & Co.KG, Am Stadtholz 37, DE - 33609 Bielefeld
Tel.: +49 521 / 30 37-0, ehs-bielefeld@stockmeier.de

STOCKMEIER Fluids GmbH & Co. KG, Sanssouci 12, DE – 58802 Balve
Tel.: +49 2375 917 310, fluids@stockmeier.com

BASSERMANN Minerals GmbH & Co. KG, Rudolf-Diesel-Straße 42, DE – 68169 Mannheim
Tel.: +49 621 15 01 0, verkauf@bassermann.de

STOCKMEIER CHEMIA Sp. z o. o., ul. Obornicka 277, PL - 60-691 Poznań
Tel.: +48 61 666 10 66, zamowienia@stockmeier.pl

STOCKMEIER QUIMICA, S.L.U., Avda. del Baix Llobregat, 3- 5, ES – 08970 Sant Joan Despí (Barcelona)
Tel.: +34 93 506 91 83, tecnico-calidad@stockmeier.es

STOCKMEIER NETHERLANDS B.V., Ridderpoort 5, NL - 2984 BG Ridderkerk
Tel.: +31 180 41 5988, info@stockmeier.nl

STOCKMEIER Chemie Austria, Ricoweg 32b, AT - 2351 Wiener Neudorf
Tel.: +43 2236 623-40, office@stockmeier.at

KEMTAN AG, Seewenweg 6, CH – 4153 Reinach
Tel.: +41 61 711 20 20, info@kemtan.ch

STOCKMEIER CHEMICALS BELUX SA/NV, Rue de la Station 17, BE – 1300 Limal
Tel.: +32 10 421-320, info@stockmeierchemicalsbelux.com

HDS – Chemie Handels GES.M.B.H., Bauernmarkt 24, AT - 1010 Wien
Tel.: +43 15 32 0 999, office@hds-chemie.at

www.stockmeier.com

Informing department:

Product safety department. Tel.: 0049 / 521 / 3037-381

E-mail: ehs-bielefeld@stockmeier.de

1.4 Emergency telephone number:

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

Counselling Centre for Poisoning, Mainz

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Tel. (+49) 61 31 / 19 240.

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Met. Corr.1 H290 May be corrosive to metals.

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

Eye Dam. 1 H318 Causes serious eye damage.

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

Signal word Danger

Hazard-determining components of labelling:

sodium hydroxide

2-aminoethanol

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Isotridecanol, ethoxylated

Hazard statements

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

According to the current state of knowledge, no synthetic polymer microparticles > 0.01% are contained.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of the substances listed below with non-hazardous additions (solution in water).

Dangerous components:

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: $C \geq 10\%$ Eye Irrit. 2; H319: $5\% \leq C < 10\%$	$\geq 2,5\text{-}<5\%$
CAS: 1310-73-2 EINECS: 215-185-5 Reg.nr.: 01-2119457892-27	sodium hydroxide Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318 Specific concentration limits: Skin Corr. 1A; H314: $C \geq 5\%$ Skin Corr. 1B; H314: $2\% \leq C < 5\%$ Skin Irrit. 2; H315: $0,5\% \leq C < 2\%$ Eye Irrit. 2; H319: $0,5\% \leq C < 2\%$ substance with a Community workplace exposure limit	$\geq 3\text{-}<5\%$
CAS: 141-43-5 EINECS: 205-483-3 Reg.nr.: 01-2119486455-28	2-aminoethanol Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335; Aquatic Chronic 3, H412 Specific concentration limit: STOT SE 3; H335: $C \geq 5\%$ substance with a Community workplace exposure limit	$\geq 1\text{-}<2,5\%$
CAS: 9043-30-5 Polymer	Isotridecanol, ethoxylated Eye Dam. 1, H318; Acute Tox. 4, H302	$\geq 1\text{-}<2,5\%$

SVHC

This preparation does not contain any substances of very high concern (SVHC) in a concentration of $\geq 0.1\%$ according to Regulation (EC) 1907/2006, Article 57.

Additional information For the wording of the listed hazard phrases refer to section 16.

Composition/Ingredients

Constituents according to EC-Regulation 648/2004:

5 - 15 % anionic surfactants,
< 5 % non-ionic surfactants,
< 5 % polycarboxylates,
< 5 % phosphonates
Fragrances, Limonene

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation Supply fresh air; consult doctor in case of symptoms.

After skin contact

Remove contaminated clothing immediately. Wash affected areas with plenty of water und soap. If irritation continues, contact a doctor.

After eye contact

Rinse immediately opened eye for several minutes under running water. Then consult doctor.

After swallowing

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; instantly call for medical help.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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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 fighting measures that suit the environment.**5.2 Special hazards arising from the substance or mixture** No further relevant information available.**5.3 Advice for firefighters****Protective equipment:**

See section 8.

Wear self-contained breathing apparatus.

Additional information Cool endangered containers in the vicinity with a water spray jet.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid eye and skin contact.

Put on protective equipment and keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to enter drainage system, surface or ground water.

In case of release of larger quantities, inform competent authorities.

6.3 Methods and material for containment and cleaning up:

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

Dispose of contaminated material as waste according to point 13.

Residues: rinse away with plenty of water.

6.4 Reference to other sections See Section 8 for information on personal protection equipment.**SECTION 7: Handling and storage****7.1 Precautions for safe handling** Prevent eye and skin contact.**Information about protection against explosions and fires:**

Observance of the general rules of preventive operational fire protection.

7.2 Conditions for safe storage, including any incompatibilities**Storage** Store in cool, dry conditions in well sealed containers.**Requirements to be met by storerooms and containers:**

Observe laws and regulations on the storage and use of substances hazardous to water.

Store in the delivery container or in PE containers.

Do not use light alloy containers.

Information about storage in one common storage facility: Not required.**Further information about storage conditions:** Protect from frost.**Storage class** 8 B L (VCI - Konzept, 2007)**7.3 Specific end use(s)** No further relevant information available.

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* SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

1310-73-2 sodium hydroxide

MAK (Germany) vgl. Abschn. IIb

141-43-5 2-aminoethanol

AGW (Germany) Long-term value: 0,5 mg/m³, 0,2 ppm
1(l); DFG, EU, H, Y, Sh, 11IOELV (EU) Short-term value: 7,6 mg/m³, 3 ppm
Long-term value: 2,5 mg/m³, 1 ppm
Skin

DNELs

68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Dermal DNEL (worker) 2750 mg/kg bw/day (Long-term, systemic effects)

Inhalative DNEL (worker) 175 mg/m³ (Long-term, systemic effects)

1310-73-2 sodium hydroxide

Inhalative DNEL (worker) 1 mg/m³ (Long-term, local effects) (most sensitive endpoint: Irritation)DNEL (population) 1 mg/m³ (Long-term, local effects)

141-43-5 2-aminoethanol

Oral DNEL (population) 1,5 mg/kg bw/day (Long-term, systemic effects)

Dermal DNEL (worker) 3 mg/kg bw/day (Long-term, systemic effects)

DNEL (population) 1,5 mg/kg bw/day (Long-term, systemic effects)

Inhalative DNEL (worker) 1 mg/m³ (Long-term, systemic effects)0,51 mg/m³ (Long-term, local effects)DNEL (population) 0,18 mg/m³ (Long-term, systemic effects)0,28 mg/m³ (Long-term, local effects)

15763-76-5 sodium p-cumenesulphonate

Oral DNEL (population) 3,8 mg/kg bw/day (Long-term, systemic effects)

Dermal DNEL (worker) 7,6 mg/kg bw/day (Long-term, systemic effects)

DNEL (population) 3,8 mg/kg bw/day (Long-term, systemic effects)

Inhalative DNEL (worker) 53,6 mg/m³ (Long-term, systemic effects)DNEL (population) 13,2 mg/m³ (Long-term, systemic effects)

PNECs

68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts

PNEC 0,024 mg/l (Seawater)

0,24 mg/l (water)

PNEC sediment 0,545 mg/kg (Seawater)

5,45 mg/kg (water)

PNEC soil 0,946 mg/kg (-)

141-43-5 2-aminoethanol

PNEC water 0,07 mg/l (freshwater)

0,007 mg/l (marine water)

PNEC sediment 0,357 mg/kg dw (freshwater)

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PNEC soil	0,0357 mg/kg dw (marine water)
PNEC STP	1,29 mg/kg dw (soil)
PNEC STP	100 mg/l (sewage plant)
15763-76-5 sodium p-cumenesulphonate	
PNEC water	0,23 mg/l (freshwater)
	2,3 mg/l (intermittent releases)
PNEC STP	100 mg/l (380)

Additional information: The lists that were valid during the compilation were used as basis.

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

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Gases, fumes and aerosols should not be inhaled.

Breathing equipment:

Respiratory protection mask is not required if appropriately used according to specifications.

Hand protection Protective gloves (EN 374).

Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection Tightly sealed safety glasses.

Body protection:

Standard protective working clothes. If skin contact is possible, wear impenetrable protective clothing.

* SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Dark green

Smell:

citrusy

Odour threshold:

Not determined.

Melting point/freezing point:

Not determined

Boiling point or initial boiling point and boiling range

100 °C (7732-18-5 water, distilled, conductivity or of similar purity)

Flammability

Not applicable.

Lower and upper explosion limit

Lower:

Not determined.

Upper:

Not determined.

Flash point:

Product is non-flammable nor potentially explosive

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Decomposition temperature:	Not determined.
pH at 20 °C	13,6
pH-value:	
Viscosity:	
Kinematic viscosity	Not determined.
dynamic:	Not determined.
Solubility	
Water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)
Density and/or relative density	
Density at 20 °C	1,08 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information**Appearance:****Form:** Fluid**Important information on protection of health and environment, and on safety.****Self-inflammability:** Product is not selfigniting.**Explosive properties:** Product is not potentially explosive**Evaporation rate** Not determined.**Information with regard to physical hazard classes**

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

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

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10.3 Possibility of hazardous reactions Violent reaction with the substances specified above.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials:**

Strong acids

strong oxidising agents

10.6 Hazardous decomposition products: No dangerous decomposition products known

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.**LD/LC50 values that are relevant for classification:****68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts**

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rat)

141-43-5 2-aminoethanol

Oral LD50 1089 mg/kg (rat)

Dermal LD50 2504 mg/kg (rabbit)

Inhalative LC 50 / 4 h >1,48 mg/l (rat)

9043-30-5 Isotridecanol, ethoxylated

Oral LD50 500-2000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rabbit) (Literaturwerte)

15763-76-5 sodium p-cumenesulphonate

Oral LD50 >2000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rabbit)

84962-20-9 Phosphoric acid, mixed esters with Bu alc. and ethylene glycol

Oral LD50 >2000 mg/kg (rat)

Primary irritant effect:**Skin corrosion/irritation**

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.**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.**Additional toxicological information:**

The product removes the natural lipid protection of the skin even in diluted solution. Prolonged or repeated contact may cause skin irritation and inflammation.

11.2 Information on other hazards**Endocrine disrupting properties**

None of the ingredients is listed.

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* SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts

LC 50 / 96 h	7,1 mg/l (fish)
LC 50	10-100 mg/l (Leuciscus idus)
EC 50 / 48 h	7,2 mg/l (Daphnia magna)
EC 50 / 96 h	7,5 mg/l (Algae)
EC 50	10-100 mg/l (Daphnia magna)
	>100 mg/l (Scenedesmus subspicatus)
NOEC	1-10 mg/l (Leuciscus idus)
	0,27 mg/l (Daphnia magna) (21 Tage)

1310-73-2 sodium hydroxide

LC 50 / 96 h	196 mg/l (fish)
EC 50 / 48 h	40,4 mg/l (Crustacea)

141-43-5 2-aminoethanol

LC 50 / 96 h	150 mg/l (Oncorhynchus mykiss)
	329 mg/l (Lepomis macrochirus)
	349 mg/l (Cyprinus carpio)
	170 mg/l (Carassius auratus)
LC 50 / 48 h	224 mg/l (Leuciscus idus)
EC 50 / 48 h	65 mg/l (Daphnia magna)
EC 50 / 16 h	110 mg/l (Pseudomonas putida) ((DIN 38412 part 8))
EC 50 / 72 h	15 mg/l (Scenedesmus subspicatus)
	2,5 mg/l (Selenastrum capricornutum)
EC 50 / 3 h	>1000 mg/l /Belechtsch (activated sludge (DEV - L2)) (OECD 209 (Activated Sludge, Resp. Inhibition Test))

9043-30-5 Isotridecanol, ethoxylated

LC 50 / 96 h	1-10 mg/l (Danio rerio)
EC 50 / 48 h	7,7 mg/l (Daphnia magna)
EC 50 / 72 h	>10 mg/l (Desmodesmus subspicatus)

15763-76-5 sodium p-cumenesulphonate

LC 50 / 96 h	>100 mg/l (fish)
EC 50 / 48 h	>100 mg/l (Daphnia magna)
EC 50 / 72 h	>100 mg/l (Desmodesmus subspicatus)
EC 50 / 2 h	>1000 mg/l (activated sludge (method OECD 209))

84962-20-9 Phosphoric acid, mixed esters with Bu alc. and ethylene glycol

LC 50 / 96 h	>100 mg/l (Oncorhynchus mykiss)
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12.2 Persistence and degradability

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

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68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
Biodegradability	>70 % /28 d (Danish EPA [1] & HERA [2])
141-43-5 2-aminoethanol	
Biodegradability	90-100 % (OECD 301 F)
Biodegradability	>90 % (OECD 301 A (DOC Die-Away Test))
9043-30-5 Isotridecanol, ethoxylated	
Biodegradability	>60 % (OECD 301 B) (Literaturwerte)
15763-76-5 sodium p-cumenesulphonate	
Biodegradability	>60 % (OECD 301 B)

12.3 Bioaccumulative potential No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Respiratory inhibition of communal activated sludge EC 20 (mg/l according to ISO 8192 B):	
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
EC 0	>100 mg/l (Pseudomonas putida)
141-43-5 2-aminoethanol	
EC 20	>1000 mg/l (OECD 209 / ISO 8192)
EC 50 / 17 h	110 mg/l (Pseudomonas putida)
84962-20-9 Phosphoric acid, mixed esters with Bu alc. and ethylene glycol	
EC 0	>100 mg/l (Daphnia magna) (48 h, OECD 202)

Additional ecological information:**AOX-indication:** The product contains no organically bound halogen .**General notes:**

The product contains no organic halogen compounds (AOX).

Water hazard class 1 (Self-assessment): slightly hazardous for water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The note below refers to the product left as it is and not to further processed products. When mixed with other products, other disposal routes may be required; if in doubt, consult the supplier of the product or the local authority.

Recommendation

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

Contact manufacturer for recycling information.

When used as intended, the product enters the waste water.

Waste disposal key number:

Since 1 January 1999, the waste code numbers have not only been product-related but essentially application-related. The waste code number valid for the application can be taken from the European Waste Catalogue.

Uncleaned packagings: Disposal in accordance with official regulations.

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Recommendation:

Development: After optimal emptying, immediately return to the supplier tightly closed and without cleaning. Make sure that no foreign matter gets into the packaging!

Other containers: Empty completely and clean for reconditioning or reprocessing.

* SECTION 14: Transport information

14.1 UN number or ID number ADR/RID, IMDG, IATA	UN1719
14.2 UN proper shipping name ADR/RID IMDG, IATA	1719 CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, ETHANOLAMINE) CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, ETHANOLAMINE)
14.3 Transport hazard class(es) ADR/RID Class Label	8 (C5) Corrosive substances. 8
IMDG, IATA Class Label	8 Corrosive substances. 8
14.4 Packing group ADR/RID, IMDG, IATA	III
14.5 Environmental hazards: Marine pollutant:	Not applicable. No
14.6 Special precautions for user Kemler Number: EMS Number: Segregation groups Stowage Category Segregation Code	Warning: Corrosive substances. 80 F-A,S-B (SGG18) Alkalis A SG22 Stow "away from" ammonium salts SG35 Stow "separated from" SGG1-acids
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR/RID Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
IMDG Limited quantities (LQ)	5L

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Excepted quantities (EQ)	Código E4 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, ETHANOLAMINE), 8, II

* SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008

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

Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:

sodium hydroxide

2-aminoethanol

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Isotridecanol, ethoxylated

Hazard statements

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Directive 2012/18/EU

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

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

None of the ingredients is listed.

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.

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Safety data sheet

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REGULATION (EU) 2019/1148**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.

National regulations**Information about limitation of use:**

Employment restrictions concerning young persons must be observed.

Other regulations, limitations and prohibitive regulations**Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Application: Please refer to the technical data sheet for application instructions.

UFI market placements:

Germany, Bulgaria, Denmark, DKE, ESE, European Union, Finland, SFS, France, Greece, Ireland, ISE, Croatia, Latvia, FL, Lithuania, LTE, Malta, Netherland, Norway, Germany, Poland, Portugal, Romania, Sweden, Slovakia, Slovenia, Spain, Czechia, Cyprus

Relevant phrases

Complete wording of hazard statements and risk phrases (H-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Department issuing data specification sheet: See section 1.3: Responding area

Date of previous version: 29.01.2025

Version number of previous version: 214.05

Abbreviations and acronyms:

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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CAS: Chemical Abstracts Service (division of the American Chemical Society)
TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)
ISO: International Organisation for Standardisation
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
SVHC: Substance of Very High Concern
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Met. Corr. 1: Corrosive to metals – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1: Skin corrosion/irritation – Category 1
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
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
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
*** Data compared to the previous version altered.**

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