

SAFETY DATA SHEET ACCORDING TO REGULATION (EC) 1907/2006

silco®**Product name: 8064 Tex+****Creation date: 08.10.2007, Revision: 06.12.2023, version: 2.5**

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name
8064 Tex+



<https://my.chemius.net/p/meFf7b/en/pd/en>

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

Relevant identified uses
Detergent for textiles Detergent for textiles

Uses advised against
No information.

1.3 Details of the supplier of the safety data sheet

Manufacturer
SILCO, D.O.O.
Šentrupert 5 a
3303 Gomilsko, Slovenia
+386 3 703 3180
msds@silco.si

1.4 Emergency Telephone Number

Emergency
112

Manufacturer
+386 3 703 3180

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)
Skin Corr. 1A; 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 [CLP]



Signal word: DANGER

H314 Causes severe skin burns and eye damage.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face 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.
P310 Immediately call a POISON CENTER or doctor/physician.

Contains:
tetrasodium ethylene diamine tetraacetate
isotridecanol, ethoxylated
potassium hydroxide
sodium hydroxide

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
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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	Notes for substances
tetrasodium ethylene diamine tetraacetate	64-02-8 200-573-9 607-428-00-2 01-2119486762-27	5-<7	Acute Tox. 4; H302 Eye Dam. 1; H318 Acute Tox. 4; H332 STOT RE 2; H373	/	/
isotridecanol, ethoxylated	69011-36-5 - -	3-<4	Acute Tox. 4; H302 Eye Dam. 1; H318	/	/
potassium hydroxide	1310-58-3 215-181-3 019-002-00-8 01-2119487136-33	2-<3	Met. Corr. 1; H290 Acute Tox. 4; H302 Skin Corr. 1A; H314	Skin Corr. 1A; H314; C ≥ 5% Skin Corr. 1B; H314; 2% ≤ C < 5% Skin Irrit. 2; H315; 0.5% ≤ C < 2% Eye Irrit. 2; H319; 0.5% ≤ C < 2%	/
β-alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts	90170-43-7 290-476-8 - 01-2119976233-35	1-<2	Eye Irrit. 2; H319	/	/
2-butoxyethanol	111-76-2 203-905-0 603-014-00-0 01-2119475108-36	0,708-<0,808	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332	/	/

sodium hydroxide	1310-73-2 215-185-5 011-002-00-6 01-2119457892-27	0,3-<0,4	Met. Corr. 1; H290 Skin Corr. 1A; H314 Eye Dam. 1; H318	Skin Corr. 1A; H314; C ≥ 5% Skin Corr. 1B; H314; 2% ≤ C < 5% Skin Irrit. 2; H315; 0.5% ≤ C < 2% Eye Irrit. 2; H319; 0.5% ≤ C < 2%	/
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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency.

Following inhalation

Remove patient to fresh air - move out of dangerous area. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical help immediately.

Following skin contact

Immediately remove contaminated clothing. Wash affected skin areas immediately with plenty of water and soap. Immediately obtain professional medical help!

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a physician immediately!

Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Drink plenty of water in small sips. Immediately consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.

Following skin contact

Redness, ulcers, pain. Skin burns: Signs/symptoms may include localised redness, swelling, itching, dryness, blistering.

Following eye contact

Causes burns: signs/symptoms include corneal damage, burns, pain, lacrimation, corrosive effects, partial or complete lost of sight. Discomfort or pain, excessive blinking, lacrimation and redness, swelling of the conjunctiva.

Following ingestion

If ingested, may cause burns of the mouth and throat, as well as perforation of the esophagus and stomach. May cause nausea/vomiting and diarrhea. May cause abdominal discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

No information.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Full water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

5.3 Advice for firefighters

Protective actions

In case of fire evacuate the area. In case of fire or heating do not breathe fumes/vapours. Cool the endangered containers with water spray.

Special protective equipment for fire-fighters

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

Additional information

Contaminated firefighting water must be disposed of in accordance with the regulations; do not allow to reach the sewage system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

Use personal protective equipment (Section 8).

Precautionary measures

Ensure adequate ventilation.

Emergency procedures

Evacuate the danger zone. Prevent access to unprotected personnel. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

For emergency responders

Use personal protective equipment.

6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up

For containment

Stem the spill if this does not pose risks.

For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Evaluate the compatibility of the container to be used, by checking section 10. Make sure the leakage site is well aired. Dispose in accordance with applicable regulations (see Section 13).

Other information

No information.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Ensure adequate ventilation. Ensure proper grounding of the equipment.

Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

Measures to protect the environment

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

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. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes. Wear suitable protective equipment; see Section 8. Remove contaminated clothes and wash them before reuse. Refer to instructions on label and regulations for safety and health at work.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Store in accordance with local regulations. Keep in tightly closed container. Keep in a cool, dry and well ventilated place. Keep away from incompatible products (see section 10). Protect against heat and direct sunlight. Keep away from sources of ignition.

Packaging materials

Store only in original container.

Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

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 ³	ml/m ³	Short-term value mg/m ³	Short-term value ml/m ³	Remark	Biological Tolerance Values
2-Butoxyethanol (111-76-2)	123	25	246	50	Sk, BMGV	240 mmol butoxyacetic acid/mol creatinine in urine - Post shift 240 mmol butoxyacetic acid/mol creatinine in urine - Post shift

Potassium hydroxide (1310-58-3)	/	/	2	/	/	/
Sodium hydroxide (1310-73-2)	/	/	2	/	/	/

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. 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
sodium hydroxide	Worker	inhalation	long term local effects	/	1 mg/m ³
sodium hydroxide	Consumer	inhalation	long term local effects	/	1 mg/m ³
tetrasodium ethylene diamine tetraacetate	Worker	inhalation	long term local effects	/	1.5 mg/m ³
tetrasodium ethylene diamine tetraacetate	Worker	inhalation	short term local effects	/	3 mg/m ³
tetrasodium ethylene diamine tetraacetate	Consumer	inhalation	long term local effects	/	0.6 mg/m ³
tetrasodium ethylene diamine tetraacetate	Consumer	inhalation	short term local effects	/	1.2 mg/m ³
tetrasodium ethylene diamine tetraacetate	Consumer	oral	long term systemic effects	/	25 mg/kg bw/day
isotridecanol, ethoxylated	Worker	inhalation	long term systemic effects	/	294 mg/m ³
isotridecanol, ethoxylated	Worker	dermal	long term systemic effects	/	2080 mg/kg bw/day
isotridecanol, ethoxylated	Consumer	inhalation	long term systemic effects	/	87 mg/m ³
isotridecanol, ethoxylated	Consumer	dermal	long term systemic effects	/	1250 mg/kg bw/day
isotridecanol, ethoxylated	Consumer	oral	long term systemic effects	/	25 mg/kg bw/day
2-butoxyethanol	Worker	inhalation	long term systemic effects	/	98 mg/m ³
2-butoxyethanol	Worker	inhalation	short term systemic effects	/	1091 mg/m ³
2-butoxyethanol	Worker	inhalation	short term local effects	/	246 mg/m ³
2-butoxyethanol	Consumer	inhalation	long term systemic effects	/	59 mg/m ³
2-butoxyethanol	Consumer	inhalation	short term systemic effects	/	426 mg/m ³
2-butoxyethanol	Consumer	inhalation	short term local effects	/	147 mg/m ³
2-butoxyethanol	Consumer	oral	long term systemic effects	/	6.3 mg/kg bw/day
2-butoxyethanol	Consumer	oral	short term systemic effects	/	26.7 mg/kg bw/day

PNEC values

For product

No information.

For components

Name	Exposure route	Remark	value
tetrasodium ethylene diamine tetraacetate	fresh water	/	2.2 mg/L
tetrasodium ethylene diamine tetraacetate	water, intermittent release	fresh water	1.2 mg/L
tetrasodium ethylene diamine tetraacetate	marine water	/	0.22 mg/L
tetrasodium ethylene diamine tetraacetate	water treatment plant	/	43 mg/L
tetrasodium ethylene diamine tetraacetate	soil	dry weight	0.72 mg/kg
isotridecanol, ethoxylated	fresh water	/	0.074 mg/L
isotridecanol, ethoxylated	water, intermittent release	fresh water	0.015 mg/L
isotridecanol, ethoxylated	marine water	/	0.007 mg/L
isotridecanol, ethoxylated	water treatment plant	/	1.4 mg/L
isotridecanol, ethoxylated	fresh water sediment	dry weight	0.604 mg/kg
isotridecanol, ethoxylated	marine water sediment	dry weight	0.06 mg/kg
isotridecanol, ethoxylated	soil	dry weight	0.1 mg/kg
2-butoxyethanol	fresh water	/	8.8 mg/L
2-butoxyethanol	water, intermittent release	fresh water	26.4 mg/L
2-butoxyethanol	marine water	/	0.88 mg/L
2-butoxyethanol	water treatment plant	/	463 mg/L
2-butoxyethanol	fresh water sediment	dry weight	34.6 mg/kg
2-butoxyethanol	marine water sediment	dry weight	3.46 mg/kg
2-butoxyethanol	soil	dry weight	2.33 mg/kg
2-butoxyethanol	food chain	oral	20 mg/kg feed

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. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse. Keep eyewash bottles or personal eyewash units and emergency showers available.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. The use of adequate technical equipment must always take priority over personal protective equipment.

Personal protective equipment

Eye and face protection

Wear tight fitting protective goggles and/or face protection (EN 166).

Hand protection

Protective gloves (EN ISO 374-1:2016). 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. Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately.

Appropriate materials

Skin protection

Wear category III professional long-sleeved overalls and safety footwear (see Regulation (EU) 2016/425 and standard EN ISO 20344). Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345:2022). At high risk of skin exposure chemical suits (EN 13034:2005+A1:2009) and boots may be required (EN ISO 20345:2022). Wear category III

professional long-sleeved overalls and safety footwear (see Regulation (EU) 2016/425 and standard EN ISO 20344).

Respiratory protection

At elevated concentrations of vapours/aerosols in the air wear a mask (EN 140) with filter A2-P2 (EN 14387). For dust/gas/ vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard BS EN 137, BS EN 138.

Thermal hazards

No information.

Environmental exposure controls

Substance/mixture related measures to prevent exposure

No information.

Instruction measures to prevent exposure

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

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

Physical state

liquid

Colour

green

Odour

characteristic

Important health, safety and environmental information

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	> 60 °C
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	12.3
Viscosity	No information.
Solubility	Water: miscible
Partition coefficient	No information.
Vapour pressure	No information.
Density and/or relative density	Relative density: 1.06 g/cm ³
Relative vapour density	No information.
Particle characteristics	No information.

9.2 Other information

Solids content	13.96 % (250 °C)
Explosive properties	No information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

The product is stable under recommended storage and handling conditions.

10.4 Conditions to avoid

No special precautions required. Consider the directions for use and storage.

10.5 Incompatible materials

Acids.

Ammonia. Alkali metal.

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 product

Exposure route	Type	Species	Time	value	Method	Remark
inhalation	ATE	/	/	> 20 mg/l	/	/
oral	ATE	/	/	> 2000 mg/kg	/	/

For components

Name	Exposure route	Type	Species	Time	value	Method	Remark
potassium hydroxide	oral	LD ₅₀	rat	/	333 mg/kg	/	/
sodium hydroxide	oral	LD ₅₀	rabbit	/	380 mg/kg	/	/
sodium hydroxide	dermal	LD ₅₀	rat	/	1350 mg/kg	/	/
tetrasodium ethylene diamine tetraacetate	oral	LD ₅₀	rat	/	1780 mg/kg	/	/
tetrasodium ethylene diamine tetraacetate	inhalation	LC ₅₀	rat	4 h	3 mg/l	/	/
isotridecanol, ethoxylated	oral	LD ₅₀	rat	/	2200 mg/kg	/	/

β-alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts	oral	LD ₅₀	rat	/	> 5000 mg/kg	/	/
2-butoxyethanol	oral	LD ₅₀	rat	/	1746 mg/kg	/	/
2-butoxyethanol	dermal	LD ₅₀	rabbit	/	> 2000 mg/kg	/	/
2-butoxyethanol	inhalation	LC ₅₀	rat	4 h	20 mg/l	/	/

Additional information

The product is not classified as acutely toxic.

(b) Skin corrosion/irritation

No information.

Additional information

Causes severe burns and skin damage.

(c) Serious eye damage/irritation

No information.

Additional information

Causes serious eye damage.

(d) Respiratory or skin sensitisation

No information.

Additional information

The product is not classified as sensitising.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

(h) STOT-single exposure

No information.

Additional information

STOT SE (single exposure): Not classified.

(i) STOT-repeated exposure

No information.

Additional information

STOT RE (repeated exposure): Not classified.

(j) Aspiration hazard

No information.

Additional information

Aspiration hazard: Not classified.

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
sodium hydroxide	EC ₅₀	404 mg/L	72 h	algae	/	/	/
tetrasodium ethylene diamine tetraacetate	LC ₅₀	> 100 mg/L	96 h	fish	/	/	/
tetrasodium ethylene diamine tetraacetate	EC ₅₀	> 100 mg/L	72 h	algae	/	/	/
isotridecanol, ethoxylated	LC ₅₀	25 mg/L	96 h	fish	<i>Carassius auratus</i>	/	/
isotridecanol, ethoxylated	EC ₅₀	> 1 mg/L	48 h	crustacea	/	/	/
β-alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts	LC ₅₀	420 mg/L	96 h	fish	/	/	/
β-alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts	EC ₅₀	97.5 mg/L	48 h	crustacea	/	/	/
β-alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts	EC ₅₀	9.4 mg/L	72 h	algae	/	/	/
2-butoxyethanol	LC ₅₀	1490 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	/
2-butoxyethanol	EC ₅₀	1550 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
2-butoxyethanol	EC ₅₀	1840 mg/L	72 h	algae	/	/	/

Chronic (long-term) toxicity
For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
2-butoxyethanol	NOEC	> 100 mg/l	/	fish	/	/	/
2-butoxyethanol	NOEC	100 mg/l	/	crustaceans	/	/	/

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination
No information.

Biodegradation
For components

Name	Type	Rate	Time	Evaluation	Method	Remark
isotridecanol, ethoxylated	-	/	/	rapidly biodegradable	/	/
β-alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts	-	/	/	rapidly biodegradable	/	/

12.3 Bioaccumulative potential

Partition coefficient
For components

Name	Media	value	Temperature °C	pH	Concentration	Method
2-butoxyethanol	Octanol-water (log Pow)	0.81	/	/	/	/

Bioconcentration factor (BCF)
For components

Name	Species	organism	value	Duration	Evaluation	Method	Remark
2-butoxyethanol	BCF	/	2.5	/	/	/	/

12.4 Mobility in soil

Known or predicted distribution to environmental compartments
No information.

Surface tension
No information.

Adsorption/Desorption
No information.

12.5 Results of PBT and vPvB assessment

The components in this product do not meet the criteria for classification as PBT or vPvB.

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 product
Do not allow to reach ground water, water courses or sewage system. Contained surfactants are biodegradable in accordance with the Regulation (EC) 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.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal
Waste chemical
Dispose of in accordance with applicable waste disposal regulation. 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
Dispose of in accordance with applicable waste disposal regulation. 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
14.1 UN number or ID number			
UN 1719	UN 1719	UN 1719	UN 1719
14.2 UN proper shipping name			
CAUSTIC ALKALI LIQUID, N.O.S. (tetrasodium ethylene diamine tetraacetate, sodium hydroxide)	CAUSTIC ALKALI LIQUID, N.O.S. (tetrasodium ethylene diamine tetraacetate, sodium hydroxide)	CAUSTIC ALKALI LIQUID, N.O.S. (tetrasodium ethylene diamine tetraacetate, sodium hydroxide)	CAUSTIC ALKALI LIQUID, N.O.S. (tetrasodium ethylene diamine tetraacetate, sodium hydroxide)
14.3 Transport hazard class(es)			
8	8	8	8
			
14.4 Packing group			
II	II	II	II
14.5 Environmental hazards			
NO	NO	NO	NO
14.6 Special precautions for user			

Limited quantities 1 L Special provisions 274 Packing Instructions P001, IBC02 Transport category 2 Tunnel restriction code (E) Classification code C5	Limited quantities 1 L EmS F-A, S-B Flash point 60 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y840 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 0.5 L Packing Instructions (Pkg Inst) 851 Maximum Net Quantity/Package (Max Net Qty/Pkg) 1 L Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst) 855 Cargo Aircraft Only, Maximum Net Quantity/Package (CAO, Max Net Qty/Pkg) 30 L Special provisions A3 Excepted quantities E2 ERG code 8L	Limited quantities 1 L
14.7 Maritime transport in bulk according to IMO instruments			
	Goods may not be carried in bulk in bulk containers, containers or vehicles.		

SECTION 15: REGULATORY INFORMATION

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

- 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)
not applicable

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

5% - < 15%: EDTA and salts thereof; < 5%: non-ionic surfactants; perfumes (Citronellol, Geraniol, Hexyl Cinnamaldehyde, Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde, Limonene, Linalool)

Special instructions

Regulation (EC) No. 1907/2006 (REACH) Annex XVII - Terms of restriction: 3, 40. On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

15.2 Chemical Safety Assessment

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

SECTION 16: OTHER INFORMATION

Indication of changes

1.2 Relevant identified uses of the substance or mixture and uses advised against 2.2 Label elements 2.3 Other hazards
4.2 Most important symptoms and effects, both acute and delayed 6.3 Methods and material for containment and
cleaning up 7.2 Conditions for safe storage, including any incompatibilities 8.1 Control parameters 8.2 Exposure controls
9.1 Information on basic physical and chemical properties 9.2 Other information 11.1 Information on hazard classes as

defined in Regulation (EC) No 1272/2008 11.2 Information on other hazards 12.1 Toxicity 12.6 Endocrine disrupting properties 13.1 Waste treatment methods 14. Transport information 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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
 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
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

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



- ☑ Provided correct labelling of the product
- ☑ Compliance with the local legislation
- ☑ Provided correct classification of the product
- ☑ Provided adequate transport data

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The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.