

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Date first issue: 26/09/2023 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : MIDA FOAM 2993 GJ Product code : ES-23-055-T1 Type of product : Detergent, Disinfectant

: Mixture Product group

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

1.2.1. Relevant identified uses

: Industrial use, Professional use Main use category

Industrial/Professional use spec : Industrial

For professional use only

Use of the substance/mixture : Chlorinated foam detergent

Use of the substance/mixture : Biocide

Chlorinate alkaline detergent

1.2.2. Uses advised against

Restrictions on use : The product should not be used for purposes other than those shown above without first

referring to the supplier and obtaining written handling instructions

1.3. Details of the supplier of the safety data sheet

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T +32 (0)9/ 223 38 71 - F +32 (0)9/ 233 03 44 info@christeyns.be - www.christeyns.com

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

H290 Corrosive to metals, Category 1 Skin corrosion/irritation, Category 1 H314 Serious eye damage/eye irritation, Category 1 H318 H400 Hazardous to the aquatic environment - Acute Hazard, Category 1 H412 Hazardous to the aquatic environment - Chronic Hazard, Category 3

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05 GHS09

CLP Signal word : Danger

Contains : Sodium hypochlorite; Sodium hydroxide

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Hazard statements (CLP) : H290 - May be corrosive to metals.

H314 - Causes severe skin burns and eye damage. H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P234 - Keep only in original packaging.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective clothing, eye protection, face protection, protective gloves. P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Immediately call a POISON CENTER, a doctor.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER, a doctor. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

POISON CENTER, a doctor.

P363 - Wash contaminated clothing before reuse. P390 - Absorb spillage to prevent material damage.

P391 - Collect spillage. P405 - Store locked up.

P406 - Store in a corrosive resistant container with a resistant inner liner.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium hydroxide substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, GB, GR, HR, HU, IE, LT, LV, PL, PT, SE, SK, IS, NO, CH)	CAS-no: 1310-73-2 Einecs nr: 215-185-5 EG annex nr: 011-002-00-6 REACH-no: 01-2119457892- 27	5 – 10	Met. Corr. 1, H290 Skin Corr. 1A, H314
Sodium hypochlorite	CAS-no: 7681-52-9 Einecs nr: 231-668-3 EG annex nr: 017-011-00-1 REACH-no: 01-2119488154- 34	3 – 5	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) EUH031
Amines, C12-14, alkyldimethyl, N-oxides	CAS-no: 308062-28-4 Einecs nr: 931-292-6 REACH-no: 01-2119490061- 47	1 – 3	Acute Tox. 4 (Oral), H302 (ATE=1064 mg/kg bodyweight) Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Sodium hydroxide	CAS-no: 1310-73-2 Einecs nr: 215-185-5 EG annex nr: 011-002-00-6 REACH-no: 01-2119457892- 27	(0.5 ≤C < 2) Eye Irrit. 2, H319 (0.5 ≤C < 2) Skin Irrit. 2, H315 (2 ≤C < 5) Skin Corr. 1B, H314 (5 ≤C ≤ 100) Skin Corr. 1A, H314
Sodium hypochlorite	CAS-no: 7681-52-9 Einecs nr: 231-668-3 EG annex nr: 017-011-00-1 REACH-no: 01-2119488154- 34	(5 ≤C ≤ 100) EUH031

Full text of H- and EUH-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : If you feel unwell, seek medical advice. Call a physician immediately. Never give anything

by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label

where possible).

Inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek

medical advice. Allow affected person to breathe fresh air. Allow the victim to rest.

Skin contact : After contact with skin, take off immediately all contaminated clothing, and wash

immediately with plenty of water. Call a physician immediately. Rinse skin with

water/shower. Take off immediately all contaminated clothing.

Eye contact : Rinse immediately with plenty of water, also under the eyelids. Remove contact lenses, if

present and easy to do. Continue rinsing. Get immediate medical advice/attention. Rinse cautiously with water for several minutes. Call a physician immediately. Immediately call a

POISON CENTER/doctor.

Ingestion : Do NOT induce vomiting. Rinse mouth out with water. Get immediate medical

advice/attention. Rinse mouth. Do not induce vomiting. Call a physician immediately.

Obtain emergency medical attention.

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

Acute effects skin : Causes severe burns. Burns.

Acute effects eyes : Causes serious eye damage. Serious damage to eyes.

Acute effects oral route : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : All extinguishing agents can be used. Water spray. Dry powder. Foam. Carbon dioxide.

Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon monoxide. Carbon dioxide. Chlorine.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

 $\label{lem:chemical fire} \mbox{ Prevent fire fighting water from entering the environment.}$

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. Do not attempt

to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment,

including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open

flames. No smoking.

6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and

eyes. Do not breathe vapours, gas, fume, dust, Spray, Mist.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Use self-contained

breathing apparatus and chemically protective clothing. For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper

protection.

Emergency procedures : Evacuate unnecessary personnel. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Absorb spilled material with sand or earth.

Shovel or sweep up and put in a closed container for disposal. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store

away from other materials. Absorb spillage to prevent material damage.

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Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13. See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

: Handle empty containers with care because residual vapours are flammable. May be

corrosive to metals.

Precautions for safe handling

: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe gas, vapours, fume, dust, Spray, Mist, Aerosol. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools.

Hygiene measures

: Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Always wash hands after handling the product. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof ventilating, lighting, electrical

Storage conditions

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep cool. Protect from sunlight. Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a wellventilated place. Keep cool. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container tightly closed.

Incompatible products

: Strong acids. Strong bases.

Incompatible materials

: Metals. Sources of ignition. Direct sunlight. Heat sources.

Material(s) to avoid

: Acids

Packaging materials

: Store in corrosive resistant container with a resistant inner liner.

7.3. Specific end use(s) No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Sodium hydroxide (1310-73-2)	
Ireland - Occupational Exposure Limits	
Local name	Sodium hydroxide
OEL STEL	2 mg/m³
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name Sodium hydroxide	
NEL STEL (OEL STEL) 2 mg/m³	
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Face shield. Gloves. Protective clothing. Avoid all unnecessary exposure.

Personal protective equipment symbol(s):









8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or face shield. Safety glasses. Chemical goggles or safety glasses

8.2.2.2. Skin protection

Protective equipment:

Wear suitable protective clothing minimum (EN 13034) Type 6 equipment

Hand protection:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent). Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions. In case of inadequate ventilation wear respiratory protection. Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Light yellow.

Odour : chlorine.

Odour threshold : Not available

Melting point/range : Not applicable

Freezing point : Not available

Boiling point/Boiling range : Not available

Flammability : Not applicable, Flammable liquid and vapour.

Explosive limits : Not available Lower explosion limit : Not available Upper explosion limit : Not available Flash point : Not available Autoignition temperature : Not available Decomposition temperature : Not available : 12.2 (1%) pH solution $: 12.6 \pm 0.5 (5\%)$ Viscosity, kinematic : Not available Solubility : Not available

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Partition coefficient n-octanol/water (Log Kow) : Not available
Vapour pressure : Not available
Vapour pressure at 50°C : Not available
Density : 1.14 g/ml (15%)
Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use. Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Reacts vigorously with strong oxidizers and acids. Not established.

10.4. Conditions to avoid

Direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

10.5. Incompatible materials

Never mix with other materials. Acids. metals. Strong acids. Strong bases. May be corrosive to metals.

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. Chlorine. fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Sodium hypochlorite (7681-52-9)	
LD50 oral rat	> 2000 mg/kg
LD50 oral	8910 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg
ATE CLP (oral)	8910 mg/kg bodyweight

Amines, C12-14, alkyldimethyl, N-oxides (308062-28-4)		
LD50 oral rat 1064 mg/kg		
ATE CLP (oral) 1064 mg/kg bodyweight		

Skin corrosion/irritation : Causes severe skin burns.

pH: 12.2 (1%)

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : Causes serious eye damage.

pH: 12.2 (1%)

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

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STOT-single exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Additional information : Based on available data, the classification criteria are not met

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Ecology - water : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term

(acute)

: Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term

(chronic)

: Harmful to aquatic life with long lasting effects.

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Sodium hypochlorite (7681-52-9)		
LC50 - Fish [1]	0.06 mg/l (fresh water)	
LC50 - Fish [2]	0.032 mg/l (marine water)	
EC50 - Crustacea [1]	0.141 mg/l (Daphnia magna - fresh water)	
EC50 - Other aquatic organisms [1]	0.026 mg/l (Crassostrea virginica - marine water)	
Sodium hydroxide (1310-73-2)		
LC50 - Fish [1]	> 35 mg/l	
EC50 - Crustacea [1]	40.4 mg/l (Ceriodaphnia)	
EC50 - Other aquatic organisms [1]	> 33 mg/l waterflea	
Amines, C12-14, alkyldimethyl, N-oxides (308062-28-4)		
LC50 - Fish [1] 2.67 mg/l		
EC50 - Crustacea [1]	3.1 mg/l	
ErC50 algae	0.143 mg/l	
DEC chronic algae ≥ 0.0191 mg/l		
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. May cause long-term adverse effects in the environment.		
Sodium hypochlorite (7681-52-9)		
Persistence and degradability Strong oxidizing agent. It will react with organic substances present in soil and sedime and degrades rapidly to chloride. Sodium hypochlorite is substantially removed in biological treatment processes.		
Sodium hydroxide (1310-73-2)		
The methods for determining biodegradability are not applicable to inorganic substances.		

12.3. Bioaccumulative potential		
MIDA FOAM 2993 GJ		
Bioaccumulative potential	Not established.	
Sodium hypochlorite (7681-52-9)		
Log Pow	-3.42	
Bioaccumulative potential	Bioaccumulation unlikely.	
Sodium hydroxide (1310-73-2)		
Log Pow -3.88		
Bioaccumulative potential No bioaccumulation.		
Amines, C12-14, alkyldimethyl, N-oxides (308062-28-4)		

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Partition coefficient n-octanol/water (Log Kow)

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

: Avoid release to the environment. Additional information

> 2.7

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional information

: Handle empty containers with care because residual vapours are flammable.

Waste / unused products

: Collect all waste in suitable and labelled containers and dispose according to local

legislation. Avoid release to the environment.

HP Code

: HP8 - "Corrosive:" waste which on application can cause skin corrosion. HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for

one or more sectors of the environment

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA	
14.1. UN number or ID number			
UN 1719	UN 1719	UN 1719	
14.2. UN proper shipping name			
CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide; Sodium hypochlorite)	CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide; Sodium hypochlorite)	Caustic alkali liquid, n.o.s. (Sodium hydroxide ; Sodium hypochlorite)	
Transport document description			
UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide; Sodium hypochlorite), 8, II, (E), ENVIRONMENTALLY HAZARDOUS	UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide ; Sodium hypochlorite), 8, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1719 Caustic alkali liquid, n.o.s. (Sodium hydroxide; Sodium hypochlorite), 8, II, ENVIRONMENTALLY HAZARDOUS	
14.3. Transport hazard class(es)			
8	8	8	
	8	8	
14.4. Packing group			
II	II	II	
14.5. Environmental hazards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	
No supplementary information available			

14.6. Special precautions for user

Overland transport

Classification code (ADR) : C5 Special provisions (ADR) : 274 Limited quantities (ADR) : 11

: P001, IBC02 Packing instructions (ADR) Mixed packing provisions (ADR) : MP15 Portable tank and bulk container instructions : T11

(ADR)

Portable tank and bulk container special provisions

(ADR)

Tank code (ADR) : L4BN Vehicle for tank carriage : AT Transport category (ADR) : 2 Hazard identification number (Kemler No.) : 80

Orange plates

80

: TP2, TP27

Tunnel code

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EAC code : 2R

Transport by sea

Special provisions (IMDG) : 274
Limited quantities (IMDG) : 1 L
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC02

Air transport

PCA Limited quantities (IATA) : Y840
PCA limited quantity max net quantity (IATA) : 0.5L
PCA packing instructions (IATA) : 851
PCA max net quantity (IATA) : 1L
CAO packing instructions (IATA) : 855
CAO max net quantity (IATA) : 30L
Special provisions (IATA) : A3, A803

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List in concentrations \geq 0.1 % or SCL: Methoxyacetic acid (EC 210-894-6, CAS 625-45-6)

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Detergent Regulation (648/2004)

Labelling of contents	
Component	%
chlorine-based bleaching agents, non-ionic surfactants, phosphonates	<5%

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

No chemical safety assessment has been carried out

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SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
1.3	Company	Modified	
14.4	Packing group (IMDG)	Modified	
14.4	Packing group (ADN)	Modified	
14.4	Packing group (ADR)	Modified	
14.4	Packing group (IATA)	Modified	

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Abbreviations and acronyms:				
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways			
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road			
ATE	Acute Toxicity Estimate			
BCF	Bioconcentration factor			
BLV	Biological limit value			
BOD	Biochemical oxygen demand (BOD)			
COD	Chemical oxygen demand (COD)			
DMEL	Derived Minimal Effect level			
DNEL	Derived-No Effect Level			
EC-No.	European Community number			
EC50	Median effective concentration			
EN	European Standard			
IARC	International Agency for Research on Cancer			
IATA	International Air Transport Association			
IMDG	International Maritime Dangerous Goods			
LC50	Median lethal concentration			
LD50	Median lethal dose			
LOAEL	Lowest Observed Adverse Effect Level			
NOAEC	No-Observed Adverse Effect Concentration			
NOAEL	No-Observed Adverse Effect Level			
NOEC	No-Observed Effect Concentration			
OECD	Organisation for Economic Co-operation and Development			
OEL	Occupational Exposure Limit			
PBT	Persistent Bioaccumulative Toxic			
PNEC	Predicted No-Effect Concentration			
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail			
SDS	Safety Data Sheet			
STP	Sewage treatment plant			
ThOD	Theoretical oxygen demand (ThOD)			
TLM	Median Tolerance Limit			
VOC	Volatile Organic Compounds			
CAS-No.	Chemical Abstract Service number			
N.O.S.	Not Otherwise Specified			
vPvB	Very Persistent and Very Bioaccumulative			
ED	Endocrine disrupting properties			

Data sources

Other information

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

: It is recommended to pass the information from this safety data sheet in an appropriate form to the users. The information is currently to the best of our knowledge and believed to be accurate ana reliable. This information relates to the specifically named product and may not be valid in combination with other products.

This safety data sheet is in compliance with 1907/2006/EEC. It is the responsibility of the user to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet. None.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:			
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1		
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2		
EUH031	Contact with acids liberates toxic gas.		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
H290	May be corrosive to metals.		
H302	Harmful if swallowed.		
H314	Causes severe skin burns and eye damage.		
H315	Causes skin irritation.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H400	Very toxic to aquatic life.		
H410	Very toxic to aquatic life with long lasting effects.		
H411	Toxic to aquatic life with long lasting effects.		
H412	Harmful to aquatic life with long lasting effects.		
Met. Corr. 1	Corrosive to metals, Category 1		
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A		
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:				
Met. Corr. 1	H290	Calculation method		
Skin Corr. 1	H314	On basis of test data		
Eye Dam. 1	H318	On basis of test data		
Aquatic Acute 1	H400	Calculation method		
Aquatic Chronic 3	H412	Expert judgement		

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.