

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

## AQUAPAN 80

Creation date	22nd October 2003	Version	16
Revision date	21st December 2022		

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

**1.1. Product identifier** AQUAPAN 80  
Substance / mixture mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**

Concentrated cleaner

#### The use descriptors

IS Use at industrial sites

PW Widespread use by professional workers

#### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

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

#### Supplier

Name or trade name	NOVATO
Address	Uralská 770/6, Praha, 160 00 Czech Republic
Identification number (CRN)	62910370
VAT Reg No	CZ62910370
Phone	+420 233 339 688
E-mail	petr.johanides@novato.cz
Web address	www.novato.cz

#### Competent person responsible for the safety data sheet

Name	ABITEC
E-mail	info@abitec.cz

**1.4. Emergency telephone number**

European emergency number: 112

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Met. Corr. 1, H290  
Skin Corr. 1B, H314  
Eye Dam. 1, H318

#### Most serious adverse physico-chemical effects

Reacts violently with acids and oxidizing agents. May corrode metals. Imperfect thermal decomposition at high temperatures may release dangerous gases. Avoid inhalation.

#### Most serious adverse effects on human health and the environment

The concentrated mixture is corrosive with a very high pH. Even in diluted form, it can cause severe irritation or even damage to the eyes (redness, burning in the eyes, tearing, inflammation, damage to the cornea, in extreme cases, loss of vision) and skin (redness, disruption, chemical burns). Inhalation of the sprayed mixture or mist can cause severe irritation of the respiratory tract, coughing, burning of the respiratory system, even burns of the respiratory tract. Ingestion may cause irritation or damage to the digestive tract, abdominal pain and nausea. Vomiting and diarrhea may occur. Ensure against confusion with drinks. The mixture is not classified as toxic to aquatic organisms. Leakage of the concentrated mixture may change the pH of the aquatic environment. The mixture must not get into the soil, underground or surface water or sewage system. Follow the instructions for use to avoid risks to people and the environment. The full wording of the classification and H phrases is given in Sect. 16 of this safety data sheet.

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### 2.2. Label elements

#### Hazard pictogram



#### Signal word

Danger

#### Hazard statements

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.

#### Precautionary statements

P260 Do not breathe mist.  
P280 Wear protective gloves/protective clothing/eye 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.  
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 to in accordance with local regulations.

### 2.3. Other hazards

Neither the mixture nor its components meet the criteria for persistent, bioaccumulative and toxic or highly persistent and highly bioaccumulative substances in accordance with Annex XIII, nor have they been included in the list drawn up in accordance with Article 59, paragraph 1, due to the content of endocrine disruptors , nor has it been determined as a substance with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 019-002-00-8 CAS: 1310-58-3 EC: 215-181-3 Registration number: 01-2119487136-33	potassium hydroxide	2-5	Acute Tox. 4, H302 Skin Corr. 1A, H314 Specific concentration limit: Skin Corr. 1A, H314: C ≥ 5 % Skin Corr. 1B, H314: 2 % ≤ C < 5 % Eye Irrit. 2, H319: 0.5 % ≤ C < 2 % Skin Irrit. 2, H315: 0.5 % ≤ C < 2 %	1
Index: 607-428-00-2 CAS: 64-02-8 EC: 200-573-9 Registration number: 01-2119486762-27	tetrasodium ethylene diamine tetraacetate	<1	Acute Tox. 4, H302 Eye Dam. 1, H318 Specific concentration limit: Eye Dam. 1, H318: C ≥ 3 % Eye Irrit. 2, H319: 1 % ≤ C < 3 %	

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 106232-83-1 EC: 932-186-2	Alcohols, C12-15-branched and linear, ethoxylated (> 2.5 EO)	<1	Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 Specific concentration limit: Eye Dam. 1, H318: C ≥ 3 % Eye Irrit. 2, H319: 1 % ≤ C < 3 % Aquatic Chronic 3, H412: C ≥ 25 %	
CAS: 106232-83-1 EC: 932-186-2	Alcohols, C12-15-branched and linear, ethoxylated (> = 6 - <15 EO)	<1	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412 Specific concentration limit: Eye Dam. 1, H318: C ≥ 3 % Eye Irrit. 2, H319: 1 % ≤ C < 3 % Aquatic Chronic 3, H412: C ≥ 25 %	

### Notes

1 A substance for which exposure limits are set.

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

If you experience any health problems or if in doubt, seek medical advice and provide information from this Safety Data Sheet. In the case of corrosive skin, rinse with water and cover with a sterile dressing. In the case of life-threatening conditions, resuscitate. Keep the unconscious person in a stabilized position and do not give anything by mouth. If necessary (breathing or irregular breathing), perform artificial respiration. Avoid cool. Do not induce vomiting. For spontaneous vomiting, avoid inhalation of vomit.

#### If inhaled

If inhaled, leave the area, stop the exposure, rinse the oral cavity with water, inhale the water mist, breathe fresh air. If respiratory tract irritation or mucosal irritation develops, seek medical attention.

#### If on skin

Remove affected clothing. Remove obstacles (rings, bracelets, watches, etc.) at the point where the skin is touched. Wash thoroughly with water if skin soap has not been affected and treated with regenerating cream. If signs of irritation, corrosion or disturbances appear, cover with a sterile bandage and seek medical advice promptly.

#### If in eyes

Rinse eyes and their surroundings. If the affected contact lenses are removed, remove them. Rinse out the eyes from the inner corner of the eye towards the outside of a large amount of clean, lukewarm water, especially the area under the lids. Rinse for at least 15 minutes and seek medical attention. In the flushing, continue during transport to the doctor.

#### If swallowed

DO NOT INDUCE VOMITING, rinse mouth with water. Drink 2-3 glasses of cold water (if the victim is conscious and not in pain). DO NOT GIVE ACTIVATED CHARCOAL. Do not serve food or attempt neutralization. Seek medical attention immediately and present this safety data sheet.

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

#### If inhaled

Inhalation of the sprayed mixture or mist can cause severe irritation up to cauterization of the respiratory tract, coughing, burning or cauterization of the respiratory system.

#### If on skin

The concentrated mixture is corrosive with a very high pH. Even in a diluted form, it can cause severe irritation or even damage to the eyes (redness, burning in the eyes, tearing, inflammation, damage to the cornea, in extreme cases even damage to vision) and skin (redness, itching, disruption to chemical burns).

#### If in eyes

The concentrated mixture is corrosive with a very high pH. Even in a diluted form, it can cause severe irritation or even damage to the eyes (redness, burning in the eyes, tearing, inflammation, damage to the cornea, in extreme cases even damage to vision) and skin (redness, itching, disruption to chemical burns).

#### If swallowed

Ingestion may cause abdominal pain and nausea, irritation, or damage to the digestive tract.

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

In the normal use of the compound, immediate medical assistance is not required. It is required only if the symptoms of a certain degree are attained, as described in paragraphs 4.1 to 4.2; is symptomatic.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam resistant to alcohol, carbon dioxide, powder, water mist, water jet.

#### Unsuitable extinguishing media

Full stream of water.

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

Reacts violently with acids and oxidizing agents. May corrode metals. Imperfect thermal decomposition at high temperatures can lead to the release of dangerous gases (COx, etc.). Avoid inhalation.

### 5.3. Advice for firefighters

Adapt protective equipment to the nature of the fire (self-contained breathing apparatus, full-body protective suit). In case of risk of close contact with the mixture, use an anti-chemical protective suit and a self-contained breathing apparatus. Contaminated water after extinguishing can have a very high pH. Combustion residues and water after intervention should be disposed of as hazardous waste.

## SECTION 6: Accidental release measures

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

Prevent the entry of unauthorized persons, secure and isolate the escape area. Ensure sufficient ventilation of the work area, do not inhale the sprayed mixture or mist. Avoid contact with skin and eyes - use personal protective equipment. Ensure against confusion with drinks.

### 6.2. Environmental precautions

Secure the area of the leak, catch the leaking mixture. Avoid release to sewers, soil, surface and ground water. In the event of a large liquid leak, monitor the NPK concentration or TLV and inform the appropriate state authorities and stream or sewer manager.

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

Stop the leak. In case of a large leak, pump out the mixture. In the event of a small leak, cover with a suitable sorbent (universal sorbent, sand, diatomaceous earth, earth, vermiculite, etc.), store the used sorbent in a closable waste container, mark and dispose of it as hazardous waste. A small amount after neutralization and significant dilution can be discharged into the sewer. Wash the contaminated area with water, do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Ensure sufficient ventilation of the work area. Protect eyes and skin, do not inhale vapors or sprayed mixture, use personal protective equipment according to sec. 8. Avoid confusion with drinks. Avoid contact with heat sources. The work area should be equipped with a source of drinking water.

Always add the mixture to the water, slowly and with continuous stirring.

Observe the applicable health and safety legislation. Follow the principles of hygiene when working with chemicals, do not eat, drink or smoke while working. Wash your hands with warm soapy water before breaks, meals and after work. Avoid release to the environment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store tightly closed with the cap facing upwards in the original packaging in a cool, dry and well-ventilated place. Store away from food, drink and feed. The warehouse should be equipped with a source of drinking water. Store away from strong acids and oxidizing agents. Store out of reach of children. Follow the directions on the label.

Content	Packaging type	Material of package
40 l	jerry can	HDPE

Storage class 8B - Non-combustible corrosive substances

Storage temperature min 5 °C, max 30 °C

#### 7.3. Specific end use(s)

Cleaning and degreasing - dilution according to the technical sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Czech Republic

Government Regulation 330/2023 Coll.

Substance name (component)	Type	Value	Note
potassium hydroxide (CAS: 1310-58-3)	PEL	1 mg/m <sup>3</sup>	irritating to mucous membranes (eyes, respiratory system) and skin
	NPK-P	2 mg/m <sup>3</sup>	

#### DNEL

tetrasodium ethylene diamine tetraacetate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	1.5 mg/m <sup>3</sup>	Chronic effects local		
Workers	Inhalation	3 mg/m <sup>3</sup>	Acute effects local		

#### PNEC

tetrasodium ethylene diamine tetraacetate			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	43 mg/l		
Freshwater environment	2.2 mg/l		
Marine water	0.22 mg/l		
Soil (agricultural)	0.72 mg/kg		
Water (intermittent release)	1.2 mg/l		

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### 8.2. Exposure controls

Ensure sufficient ventilation, or extraction of the working space. In case of insufficient ventilation or spray application, use suitable respiratory protection. Avoid contact with skin and eyes. Ensure against confusion with drinks and food. Observe hygienic measures for working with chemicals. The work area should be equipped with sources of drinking water. Do not eat, drink or smoke while working. Wash your hands with lukewarm water and soap before breaks, meals and after work. Adapt personal protective equipment to the nature of the work.

#### Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

#### Skin protection

Protective work clothing. Wash affected skin, remove contaminated clothing, wash before further use. Protective gloves (material e.g.: butyl rubber 0.7 mm, nitrile 0.4 mm, penetration time > 480 min.). Observe the recommended penetration time for the glove material.) When choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Test in a specific workplace before first use. Replace damaged gloves.

#### Respiratory protection

It is not necessary if there is sufficient ventilation. Avoid breathing the sprayed mixture. Use a mask with an organic vapor filter when exposure limits are exceeded or in a poorly ventilated environment. In the event of an accident or long-term exposure, use self-contained breathing apparatus.

#### Thermal hazard

Not Specified. Avoid heating the mixture and exposure to elevated temperatures.

#### Environmental exposure controls

Observe the usual environmental precautions. Avoid leakage into sewers, underground and surface water and soil.

#### More information

Ensure compliance with governmental regulation 361/2007 Coll., Laying down the conditions for the protection of health at work, as amended, and to fulfill the obligations contained therein.

## SECTION 9: Physical and chemical properties

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

Physical state	liquid
Colour	yellowish to yellow
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	100 °C
Flammability	The product is non-flammable.
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	13-14 (undiluted at 20 °C)
Kinematic viscosity	data not available
Solubility in water	soluble
Solubility in fats	Not Specified
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	data not available
Relative density	1.05 - 1.1 at 20 ° C
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

Appearance	liquid
VOC content: 0%	
Explosive properties: The mixture does not show explosive properties.	
Oxidizing properties: The mixture is not classified as oxidizing	

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The mixture is strongly alkaline. If the instructions for use are followed, the mixture does not show dangerous reactions.

#### 10.2. Chemical stability

The mixture is stable under normal environmental conditions, storage and handling.

#### 10.3. Possibility of hazardous reactions

In contact with acids or oxidizing agents, an exothermic reaction may occur.

#### 10.4. Conditions to avoid

Heating above 50 °C, contact with open flame and heat sources.

#### 10.5. Incompatible materials

Strong acids, oxidizing agents, light metals (aluminum, magnesium, tin, zinc, etc.).

#### 10.6. Hazardous decomposition products

In normal conditions, the mixture is not decomposed. Thermal decomposition at high temperatures may produce hazardous decomposition products (COx).

### SECTION 11: Toxicological information

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

The mixture meets the criteria for classification according to EC Regulation No. 1272/2008. The mixture is classified as dangerous in the sense of EC Regulation No. 1272/2008, as amended.

#### Acute toxicity

The mixture is not classified as acutely toxic by any way of exposure.

#### Alcohols, C12-15-branched and linear, ethoxylated (> = 6 - <15 EO)

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	LD <sub>50</sub>	300-2000 mg/kg		Rat		
Dermal	LD <sub>50</sub>	>2000 mg/kg		Rabbit		
Inhalation	LC <sub>50</sub>	>1.6 mg/l	6 hours	Rat (Rattus norvegicus)		

#### Alcohols, C12-15-branched and linear, ethoxylated (> 2.5 EO)

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	LD <sub>50</sub>	300-2000 mg/kg		Rat		
Dermal	LD <sub>50</sub>	>2000 mg/kg		Rabbit		
Inhalation	LC <sub>50</sub>	>1.6 mg/l	6 hours	Rat		

#### potassium hydroxide

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	LD <sub>50</sub>	310-429 mg/kg		Rat (Rattus norvegicus)		85%
Dermal	LD <sub>50</sub>	1260 mg/kg		Rabbit		

#### tetrasodium ethylene diamine tetraacetate

Route of exposure	Parameter	Value	Exposure time	Species	Sex	Source
Oral	LD <sub>50</sub>	1780-2000 mg/kg		Rat		
Inhalation	LOAEC	30 mg/m <sup>3</sup>		Rat		

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**Skin corrosion/irritation**

The mixture is classified as corrosive, category 1, corrosive to skin and mucous membranes.

**Serious eye damage/irritation**

The mixture is classified as corrosive, category 1, contact with a concentrated mixture can damage the eyes.

**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.

**Toxicity for specific target organ - single exposure**

Based on available data the classification criteria are not met.

**Toxicity for specific target organ - repeated exposure**

Based on available data the classification criteria are not met.

**Aspiration hazard**

Based on the available data, the classification criteria are not met. Inhalation of the sprayed mixture or mist may cause irritation of the respiratory tract and mucous membranes.

**11.2. Information on other hazards**

It does not contain substances causing disruption of the endocrine system. The concentrated mixture is corrosive with a very high pH. Even in a diluted form, it can cause severe irritation or even damage to the eyes (redness, burning in the eyes, tearing, inflammation, damage to the cornea, in extreme cases even damage to vision) and skin (redness, itching, disruption to chemical burns). Inhalation of the sprayed mixture or mist can cause severe irritation up to cauterization of the respiratory tract, coughing, burning or cauterization of the respiratory system. Ingestion may cause irritation or damage to the digestive tract, abdominal pain and nausea.

**SECTION 12: Ecological information**

**12.1. Toxicity**

The ecotoxic effects of the mixture itself have not been assessed: The mixture can affect the pH of the aquatic environment. Prevent the liquid from leaking into sewers and underground or surface water.

**Acute toxicity**

Alcohols, C12-15-branched and linear, ethoxylated (> = 6 - <15 EO)				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	>2 mg/l	96 hours	Fish	
EC <sub>50</sub>	0.14 mg/l	48 hours	Invertebrates (Daphnia magna)	
EC <sub>50</sub>	0.75 mg/l		Algae	

Alcohols, C12-15-branched and linear, ethoxylated (> 2.5 EO)				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	>2 mg/l	96 hours	Fish	



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Alcohols, C12-15-branched and linear, ethoxylated (> 2.5 EO)				
Parameter	Value	Exposure time	Species	Environment
EC <sub>50</sub>	0.14 mg/l	48 hours	Invertebrates (Daphnia magna)	
EC <sub>50</sub>	0.75 mg/l	72 hours	Algae	

potassium hydroxide				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	85 mg/l	24 hours	Fish	

tetrasodium ethylene diamine tetraacetate				
Parameter	Value	Exposure time	Species	Environment
LC <sub>50</sub>	41-2070 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
EC <sub>50</sub>	>100 mg/l	48 hours	Invertebrates (Daphnia magna)	
EC <sub>50</sub>	>100 mg/l	72 hours	Algae (Selenastrum capricornutum)	
LC <sub>50</sub>	157 mg/l	96 hours	Fish (Lepomis macrochirus)	

**12.2. Persistence and degradability**

The contained surfactants meet the requirements for degradability.

**12.3. Bioaccumulative potential**

Not determined, bioaccumulation is unlikely.

**12.4. Mobility in soil**

The product is soluble and mobile in water and soil.

**12.5. Results of PBT and vPvB assessment**

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

**12.6. Endocrine disrupting properties**

Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.

**12.7. Other adverse effects**

Avoid leakage into the soil, underground or surface water or sewers. Leakage of large quantities can change the pH of the aquatic environment.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Suitable methods of disposal of the mixture: Dispose of as hazardous waste, hand over for disposal to a person authorized to handle hazardous substances or to a hazardous waste collection yard. Treat contaminated packaging as you would your own hazardous mixture. Do not pour the unused product down the drain or dispose of it together with municipal waste. Dispose of mixture and packaging residues in accordance with local waste disposal regulations.

**Waste management legislation**

Act No. 477/2001 Coll., On Packaging, as amended. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

**Waste type code**

20 01 29\*     detergents containing hazardous substances

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**Packaging waste type code**

15 01 10\* packaging containing residues of or contaminated by hazardous substances  
 15 01 02 plastic packaging  
 (\*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

**SECTION 14: Transport information**

**14.1. UN number or ID number**

UN 1814

**14.2. UN proper shipping name**

POTASSIUM HYDROXIDE SOLUTION

**14.3. Transport hazard class(es)**

8 Corrosive substances

**14.4. Packing group**

II

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Transport in packages that match the properties of the mixture. Observe the prescribed marking for cargo.

**14.7. Maritime transport in bulk according to IMO instruments**

not relevant

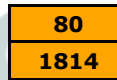
**Additional information**

Hazard identification No.

UN number

Classification code

Safety signs



C5

8



Tunnel restriction code

(E)

**Air transport - ICAO/IATA**

Packaging instructions passenger

851

Cargo packaging instructions

855

**Marine transport - IMDG**

EmS (emergency plan)

F-A, S-B

MFAG

705

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### SECTION 15: Regulatory information

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

Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. COMMISSION REGULATION (EU) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Commission Delegated Regulation (EU) 2021/849 of 11 March 2021 amending, for the purposes of adapting to technical and scientific progress, Part 3 of Annex VI to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals.

#### **Additional information in accordance with Regulation (EC) no. 648/2004 on detergents, as amended**

<5 % non-ionic surfactants, <5 % EDTA and salts thereof

#### 15.2. Chemical safety assessment

No chemical hazard assessment was performed for this mixture.

#### **More information**

This information only indicates the basic regulations listed in this Safety Data Sheet. Please note the possible existence of additional regulations supplementing these Regulations. We refer to all applicable national, international and local regulations and regulations.

### SECTION 16: Other information

#### **A list of standard risk phrases used in the safety data sheet**

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.
H412	Harmful to aquatic life with long lasting effects.

#### **Guidelines for safe handling used in the safety data sheet**

P260	Do not breathe mist.
P280	Wear protective gloves/protective clothing/eye 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.
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 to in accordance with local regulations.

#### **Other important information about human health protection**

The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the supplier can not control the specific conditions of use of the mixture, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

#### **Key to abbreviations and acronyms used in the safety data sheet**

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

The safety data sheet complies with Commission Regulation (EU) 878/2020 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) .

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EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
log Kow	Octanol-water partition coefficient
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Eye Dam.	Serious eye damage
Met. Corr.	Corrosive to metals
Skin Corr.	Skin corrosion

### Training guidelines

According to § 103 and § 104 of Act No. 262/2006 Coll., The Labor Code, as amended. Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

Manufacturer data and toxicological databases.

### The changes (which information has been added, deleted or modified)

Adaptation of BL updated Annex II of the REACH Regulation as amended by Commission Regulation (EU) 2020/878.

### More information



## SAFETY DATA SHEET

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The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the specific conditions of use of the substance are beyond the control of the supplier, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

#### Statement

The safety data sheet contains the data needed to ensure safety and health at work and environmental protection. These data correspond to the current state of knowledge and experience and are in accordance with applicable legal regulations. They can not be considered as a guarantee of the suitability and usability of the product for a specific application. The user is responsible for the treatment under existing laws and regulations.

