

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) .

BAS

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

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

1.1. Product identifier

BAS

Substance / mixture

mixture

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

Mixture's intended use

PP-BIO-2 Disinfectants and algaecides not intended for human or animal use

The use descriptors

PC 8 Biocidal products

Mixture uses advised against

Undetermined. Do not use to disinfect open wounds. Do not use before using the device, which may be a source of heat.

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.

Flam. Liq. 2, H225

Eye Irrit. 2, H319

STOT SE 3, H336

Most serious adverse physico-chemical effects

The mixture is highly flammable. Keep away from heat sources, avoid contact with open flames. Do not expose to direct sunlight. Use non-sparking tools. Take precautions against static electricity. The mixture is volatile. Keep the package tightly closed. Incomplete combustion or thermal decomposition releases dangerous fumes - avoid inhaling them.

Most serious adverse effects on human health and the environment

The mixture irritates the eyes (redness, burning in the eyes, lacrimation, conjunctivitis). Inhalation of vapors or sprayed mixture can cause headaches, fatigue, drowsiness, malaise and even narcotic states. Prolonged or repeated exposure may cause skin dryness. Ingestion may cause abdominal pain and nausea. Avoid inhalation and eye contact. Ensure against confusion with drinks. The mixture is not classified as harmful to the aquatic environment. Follow the instructions for use to avoid risks to humans and the environment. The mixture must not get into the soil, underground or surface water or sewage system. 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

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P280	Wear eye protection.
P312	Call a POISON CENTRE if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use powder extinguisher/sand/carbon dioxide to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to in accordance with national regulations.

Supplemental information

EUH019 May form explosive peroxides.

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. PP-BIO-2 Disinfectants and algacides not intended for human or animal use.

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: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7	propan-2-ol	68,8	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 % STOT SE 3, H336: C ≥ 20 %	2

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 18472-51-0 EC: 242-354-0	D-gluconic acid (20%), compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidine (2:1)	0,44	Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Specific concentration limit: Eye Dam. 1, H318: C ≥ 3 % Eye Irrit. 2, H319: 1 % ≤ C < 3 % Aquatic Chronic 3, H412: C ≥ 25 %	
Index: 008-003-00-9 CAS: 7722-84-1 EC: 231-765-0	hydrogen peroxide solution 35%	0,34	Ox. Liq. 1, H271 Acute Tox. 4, H302+H332 Skin Corr. 1A, H314 Specific concentration limit: Skin Corr. 1A, H314: C ≥ 70 % Skin Corr. 1B, H314: 50 % ≤ C < 70 % Skin Irrit. 2, H315: 35 % ≤ C < 50 % Eye Irrit. 2, H319: 5 % ≤ C < 8 % Eye Dam. 1, H318: 8 % ≤ C < 50 % Ox. Liq. 1 (****), H271: C ≥ 70 % STOT SE 3, H335: C ≥ 35 %	1, 2

Notes

- 1 Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
- 2 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

In the event of health problems or in case of doubt, consult a doctor and provide him with the information from this safety data sheet. Do not induce vomiting. In case of spontaneous vomiting, prevent inhalation of vomitus. In case of life-threatening conditions, perform resuscitation. Place the unconscious person in a stable position and do not give anything by mouth. Avoid catching cold. If a burn occurs during a fire, cool the burn with cold water and cover with a clean cloth.

If inhaled

If inhalation occurs, leave the area, rinse the oral cavity with water, breathe fresh air. If respiratory tract irritation occurs, seek medical attention. If necessary (respiratory arrest or irregular breathing), perform artificial respiration.

If on skin

The mixture is intended for skin disinfection. If clothing becomes contaminated, remove clothing. In case of persistent skin irritation, seek medical attention.

If in eyes

If the victim wears contact lenses, remove them. With wide open eyes, especially the area under the lids, rinse from the inner corner towards the outer with a large amount of clean, lukewarm water. Rinse for at least 10-15 minutes, seek medical treatment immediately.

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If swallowed

Do not induce vomiting. Rinse the mouth with water, drink a glass of water (only if the victim is conscious). Seek medical attention and present this safety data sheet or product label.

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

If inhaled

Inhalation of vapors or sprayed mixture can cause headaches, fatigue, drowsiness, malaise and even narcotic states.

If on skin

Prolonged or repeated exposure may cause skin dryness.

If in eyes

The mixture irritates the eyes (redness, burning in the eyes, lacrimation, conjunctivitis).

If swallowed

Ingestion may cause abdominal pain and nausea, diarrhea and vomiting.

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

With normal use of the mixture, immediate medical attention is not necessary. Always seek medical help in case of ingestion and eye contact; is symptomatic.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Multipurpose powders, foam, water mist, CO2

Unsuitable extinguishing media

Full stream of water.

5.2. Special hazards arising from the substance or mixture

Highly flammable liquid and vapor. Incomplete combustion or thermal decomposition can produce dangerous fumes (COx, etc.). Avoid breathing fumes. Vapors are heavier than air, accumulate in lower positions, can spread over long distances. They can form an explosive mixture when mixed with air. Risk of re-ignition. At higher temperatures, there is a risk of the container rupturing due to the development of steam.

5.3. Advice for firefighters

Isolation breathing apparatus and emergency suit resistant to radiant heat. Use non-sparking tools. Remove packaging from fire if it is possible to do so without risk. Cool closed containers with the mixture near the fire with water spray or cover with foam. Dispose of the remains of the mixture and the water used for extinguishing as hazardous waste.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Prevent the entry of unauthorized persons, ensure an escape area. Ensure sufficient ventilation of the work area, do not inhale vapors or sprayed product. Avoid contact with skin and eyes - use personal protective equipment. Remove possible sources of ignition, do not smoke, do not handle open flames, do not expose to direct sunlight. Use non-sparking tools.

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 leak, monitor the concentrations of NPK or TLV and inform the relevant state authorities and the stream or sewer manager.

6.3. Methods and material for containment and cleaning up

Stop the leak. In case of a larger leak, pump out. In the event of a minor leak, cover with a suitable non-flammable sorbent (sand, diatomaceous earth, soil, universal sorbent, etc.). Store the used sorbent in a closable waste container, label and dispose of it as hazardous waste. Wash the contaminated area with plenty of 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

Avoid contact with open flames and other sources of ignition. Protect from direct sunlight. Do not smoke, do not handle open flames. Use non-sparking tools. Protect the eyes and skin, do not inhale the sprayed mixture or vapors, use personal protective equipment according to sec. 8. Observe the applicable safety and health regulations. Follow the principles of hygiene when working with chemicals, do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities

Store tightly closed in original packaging at a temperature of 5 - 30 °C, in dry and well-ventilated places. Store away from heat sources, protect from sunlight, do not smoke. Protect from the elements. Keep away from acids and oxidizing agents. Follow the general regulations on the storage of combustibles. Storage class 3A - Flammable liquids (flash point below 55 °C). Store separately from food, drink and feed. Store out of reach of children. Follow the instructions on the label and in the instructions for use.

Storage class 3A - Flammable liquids (flash point below 55 °C)
 Storage temperature max. 30 °C

7.3. Specific end use(s)

Recommended uses are listed in the instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Czech Republic **Government Regulation 330/2023 Coll.**

Substance name (component)	Type	Value	Note
propan-2-ol (CAS: 67-63-0)	PEL	500 mg/m ³	irritating to mucous membranes (eyes, respiratory system) and skin
	PEL	200 ppm	
	NPK-P	1000 mg/m ³	
	NPK-P	400 ppm	
hydrogen peroxide solution 35% (CAS: 7722-84-1)	PEL	1 mg/m ³	irritating to mucous membranes (eyes, respiratory system) and skin
	PEL	0,7 ppm	
	NPK-P	2 mg/m ³	
	NPK-P	1,4 ppm	

DNEL

hydrogen peroxide solution 35%					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	1.4 mg/m ³	Acute effects local		
Workers	Inhalation	3 mg/m ³	Chronic effects local		

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propan-2-ol					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	500 mg/m ³	Chronic effects systemic		
Workers	Dermal	888 mg/kg/24h	Chronic effects systemic		

PNEC

hydrogen peroxide solution 35%			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	4.66 mg/l		
Freshwater environment	0.013 mg/l		
Marine water	0.013 mg/l		
Soil (agricultural)	0.002 mg/kg		
Freshwater sediment	0.047 mg/kg		
Sea sediments	0.047 mg/kg		

propan-2-ol			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	2251 mg/l		
Freshwater environment	140.9 mg/l		
Marine water	140.9 mg/l		
Soil (agricultural)	28 mg/kg		
Freshwater environment	552 mg/kg		
Sea sediments	552 mg/kg		

8.2. Exposure controls

Ensure sufficient ventilation, or extraction of the working space. In case of exceeding NPK-P, use appropriate respiratory protection. Avoid contact with skin and eyes, do not inhale vapors or sprayed mixture. Observe hygienic measures for working with chemicals. Wash your hands and face before breaks, meals and after finishing work. Adapt personal protective equipment to the nature of the work.

Eye/face protection

Well-sealed safety glasses.

Skin protection

Not necessary; wash the accidentally affected skin thoroughly. Protective gloves - material e.g. nitrile from 0.35 mm, penetration time > 8 hours. When choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Replace damaged gloves.

Respiratory protection

It is not necessary if the instructions in the user manual are followed and there is sufficient ventilation. In case of exceeding the exposure limits or in a poorly ventilated environment, use a half-mask with an organic vapor filter, type A.

Thermal hazard

Undetermined. Avoid heating the mixture above 30°C.

Environmental exposure controls

Prevent leakage into waterways, soil and drains. Observe the usual environmental protection measures.

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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	Alcoholic, pleasant
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	78 °C
Flammability	Flammable II. hazard class
Lower and upper explosion limit	
bottom	2 %
upper	12 %
Flash point	19.5 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	6.5-7.5 (undiluted at 20 °C)
Kinematic viscosity	data not available
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	48 mBar at 20 °C
Density and/or relative density	
Density	0.85 g/cm ³
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

The mixture is not self-igniting.
Maximum VOC content of the product in the ready-to-use state: 68.8%
The mixture is not explosive, it can form explosive mixtures when mixed with air.

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is highly flammable. It does not show dangerous reactions if the recommended method of use is observed.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Danger of exothermic reaction in contact with strong acids, bases and oxidizing agents.

10.4. Conditions to avoid

To temperatures above 30 °C, contact with open flames, possible sources of ignition and hot surfaces, sparks, direct sunlight, frost. Do not use near sources of ignition.

10.5. Incompatible materials

Flammable materials, strong oxidizing agents, strong acids and bases.

10.6. Hazardous decomposition products

Under normal conditions, the mixture does not decompose. Incomplete combustion or thermal decomposition can produce CO_x, dangerous flue gases.

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.

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Acute toxicity

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

D-gluconic acid (20%), compound with N,N'-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidine (2:1)

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	5000 mg/kg		Rat	

hydrogen peroxide solution 35%

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	<1026 mg/kg		Rat	
Dermal	LD ₅₀	<2000 mg/kg		Rat	
Inhalation	LC ₅₀	>0.17 mg/l	4 hours	Rat	

propan-2-ol

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	5045 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	12800 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LC ₅₀	72.6 mg/l	4 hours	Rat (Rattus norvegicus)	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

The mixture is classified as eye irritant, category 2. Causes serious eye irritation.

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

The mixture is classified as specific target organ toxicant after single exposure, category 3. May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

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11.2. Information on other hazards

It does not contain substances causing disruption of the endocrine system. The mixture irritates the eyes (redness, burning in the eyes, lacrimation, conjunctivitis). Inhalation of vapors or sprayed mixture can cause headaches, fatigue, drowsiness, malaise and even narcotic states. Prolonged or repeated exposure may cause skin dryness. Ingestion may cause abdominal pain and nausea, diarrhea and vomiting.

SECTION 12: Ecological information

12.1. Toxicity

The ecotoxic effects of the mixture were not assessed. Observe the usual environmental precautions.

Acute toxicity

D-gluconic acid (20%), compound with N,N'-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)					
Parameter	Method	Value	Exposure time	Species	Environment
LC ₅₀		10.4 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
EC ₅₀		0.1 mg/l	48 hours	Invertebrates (Daphnia magna)	
IC ₅₀		0.011 mg/l	72 hours	Algae (Selenastrum capricornutum)	

hydrogen peroxide solution 35%					
Parameter	Method	Value	Exposure time	Species	Environment
LC ₅₀		16.4 mg/l	96 hours	Fish (Pimephales promelas)	
LC ₅₀		31.3 mg/l	24 hours	Fish (Oncorhynchus mykiss)	
EC ₅₀		7.7 mg/l	24 hours	Invertebrates (Daphnia magna)	
IC ₅₀		2.5 mg/l	72 hours	Algae (Chlorella vulgaris)	
EC ₅₀	OECD 209	466 mg/l		Microorganisms (Photobacterium phosphoreum)	
EC ₈₀		34 mg/l		Higher plants	

propan-2-ol					
Parameter	Method	Value	Exposure time	Species	Environment
LC ₅₀		8970-9280 mg/l	48 hours	Fish (Leuciscus idus)	
LC ₅₀		9640 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
LC ₅₀		903 mg/l	96 hours	Invertebrates (Crangon crangon)	
EC ₅₀		>10 g/l	48 hours	Invertebrates (Daphnia magna)	
EC ₅₀		13299 mg/l	72 hours	Algae and other aquatic plants	

12.2. Persistence and degradability

Data not available. Propan-2-ol is biodegradable.

12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

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12.4. Mobility in soil

Soluble in water. Adsorption in soil is not likely.

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 release to drains, ground water or surface water. The mixture contains biocidal components, after significant dilution it is practically harmless to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of as hazardous waste. Hand over to an authorized person or to a hazardous waste collection yard for disposal. Dispose of mixture and packaging residues in accordance with local waste management regulations. Classification according to the Waste Catalog is carried out by the waste generator according to the characteristics of the waste at the time of generation.

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 13* Solvents

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 1219

14.2. UN proper shipping name

ISOPROPANOL

14.3. Transport hazard class(es)

3 Flammable liquids

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

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Always carry closed containers in upright position. Transport in packages that match the properties of the mixture. Observe the prescribed marking for cargo.

Hazard identification No.	33
UN number	1219
Classification code	F1
Safety signs	3



Road transport - ADR

Special provisions	601
Limited quantities	1 L
Excepted quantities	E2

Packaging

Packing instructions	P001, IBC02, R001
Mixed packing provisions	MP19

Portable tanks and bulk containers

Guidelines	T4
Special provisions	TP1

ADR tank

Tank code	LGBF
Vehicles for tank carriage	FL
Transport category	2
Tunnel restriction code	(D/E)

Special provision for

operation	S2, S20
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Railway transport - RID

Special provisions	601
Excepted quantities	E2

Packaging

Packing instructions	P001, IBC02, R001
Mixed packing provisions	MP19

Portable tanks and bulk containers

Guidelines	T4
Special provisions	TP1

RID Tanks

Tank code	LGBF
Transport category	0

Air transport - ICAO/IATA

Packaging instructions for limited amount	Y341
Packaging instructions passenger	353
Cargo packaging instructions	364

Marine transport - IMDG

EmS (emergency plan)	F-E, S-D
MFAG	305

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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.

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

H225	Highly flammable liquid and vapour.
H271	May cause fire or explosion; strong oxidiser.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H302+H332	Harmful if swallowed or if inhaled.

Guidelines for safe handling used in the safety data sheet

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P280	Wear eye protection.
P312	Call a POISON CENTRE if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use powder extinguisher/sand/carbon dioxide to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to in accordance with national regulations.

A list of additional standard phrases used in the safety data sheet

EUH019	May form explosive peroxides.
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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
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SAFETY DATA SHEET

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) .

BAS

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

BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC ₅₀	Concentration of a substance when it is affected 50% of the population
EC ₈₀	Concentration of a substance when it is affected 80% 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
IC ₅₀	Concentration causing 50% blockade
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 ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
log K _{ow}	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
Flam. Liq.	Flammable liquid
Ox. Liq.	Oxidising liquid
Skin Corr.	Skin corrosion
STOT SE	Specific target organ toxicity - single exposure

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



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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)

Modification of the composition of the mixture by the supplier, adaptation of the BL format to the updated Annex II of the REACH Regulation.

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.

