

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) .

NOVALON 4000

Creation date	22nd October 2003	Version	16
Revision date	26th January 2023		

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

1.1. Product identifier NOVALON 4000
Substance / mixture mixture

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

Detergent

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.

Skin Corr. 1B, H314

Eye Dam. 1, H318

Most serious adverse physico-chemical effects

The mixture is strongly alkaline. Danger of exothermic reaction in contact with acids. The mixture contains an ingredient that can corrode metals. Thermal decomposition at high temperatures may release dangerous decomposition products.

Most serious adverse effects on human health and the environment

The mixture causes severe irritation to the point of damage to the eyes (watering, burning, conjunctivitis, reversible damage, corneal damage) and skin corrosion (burning, redness, possibly disruption). Inhalation of the sprayed mixture may irritate the mucous membranes and even disrupt the airways. Ingestion of the liquid may cause nausea, abdominal pain, and in extreme cases, perforation of the digestive tract. Ensure against confusion with drinks. The mixture is not classified as harmful to the environment. The release of a large amount of the mixture into the environment can affect the pH of the aquatic environment. Follow the instructions for use to avoid risks to people and the environment. Avoid release to soil, ground or surface water or sewers. The full wording of the classification and H and P 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

H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

Precautionary statements

P260 Do not breathe mist/vapours.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or 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 -1 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.

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
CAS: 7320-34-5 EC: 230-785-7	Tetrapotassium diphosphate	<3,5	Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 %	
CAS: 161074-93-7 EC: 500-529-1	D-Glucopyranose, oligomers, 2-ethylhexyl glycosides	<3,5	Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 %	
CAS: 10213-79-3 EC: 600-279-4	Natriummetasilicat Pentahydrat	<2	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Specific concentration limit: Skin Corr. 1B, H314: C ≥ 5 % Eye Dam. 1, H318: C ≥ 3 %	
Index: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6	2-(2-butoxyethoxy)ethanol	<2	Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 %	1, 2

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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	0,5-1	Acute Tox. 4, H302 Skin Corr. 1A, H314 Specific concentration limit: Skin Irrit. 2, H315: 0.5 % ≤ C < 2 % Skin Corr. 1A, H314: C ≥ 5 % Skin Corr. 1B, H314: 2 % ≤ C < 5 % Eye Irrit. 2, H319: 0.5 % ≤ C < 2 %	1

Notes

- 1 A substance for which exposure limits are set.
- 2 The use of the substance is restricted by Annex XVII of REACH Regulation

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. When providing first aid, ensure the safety of the rescuer and the rescued. In case of skin burns, rinse thoroughly with water and cover with a sterile bandage. 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. Do not induce vomiting. In case of spontaneous vomiting, prevent inhalation of vomitus.

If inhaled

Stop exposure immediately, rinse mouth with water, breathe fresh air. If clothing is affected, remove clothing. Keep the victim calm and protect against catching cold. If necessary (respiratory arrest or irregular breathing), perform artificial respiration with a breathing bag, not directly from mouth to mouth. Seek medical attention if respiratory tract irritation or burns occur.

If on skin

Remove affected clothing. Remove obstacles (rings, bracelets, watches, etc.) at the point of contact with the skin. Wipe off the product, wash thoroughly with water if the skin has not been damaged with soap, and treat with a regenerating cream. If signs of abrasion or irritation occur, flush with water, cover with a sterile dressing, and seek medical attention.

If in eyes

Rinse the eyes and their surroundings. If the victim wears contact lenses, remove them. With the eyes wide open, rinse from the inner corner of the eye towards the outer with a large amount of clean, lukewarm water, especially the area under the lids. Rinse for at least 15 min., seek medical treatment. Wash the eyes also during transport to the doctor.

If swallowed

Do not induce vomiting. Rinse the mouth with water and drink a glass of water (only if the victim is conscious and not in pain). 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 of the respiratory tract, coughing, burning of the respiratory system.

If on skin

The mixture is strongly alkaline. It can cause severe irritation to damage to the eyes (redness, burning in the eyes, tearing, reversible damage to damage to the cornea) and skin (redness, itching, possibly irritation).

If in eyes

The mixture is strongly alkaline. It can cause severe irritation to damage to the eyes (redness, burning in the eyes, tearing, reversible damage to damage to the cornea) and skin (redness, itching, possibly irritation).

If swallowed

Ingestion of the liquid may cause nausea, abdominal pain, vomiting and diarrhoea, in the extreme case disruption of the digestive tract with internal bleeding.

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

With normal use of the mixture, immediate medical attention is not necessary. It is required only if the symptoms reach a certain degree, according to the data in paragraphs 4.1 and 4.2; is symptomatic.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Mixture is not flammable, fire extinguisher adapted to fire in the area.

Unsuitable extinguishing media

Not defined.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition at high temperatures or fire may produce hazardous decomposition products. Do not inhale thermal decomposition products.

5.3. Advice for firefighters

Adapt protective equipment to the nature of the fire (self-contained breathing apparatus, emergency suit). Move mixture tanks out of reach of fire if you can do so without risk. Cool the packaging with water spray. 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. Provide adequate ventilation, do not inhale spray mixture or mist. Avoid contact with skin and eyes - use personal protective equipment.

6.2. Environmental precautions

Secure the area of the leak, catch the leaking mixture. Prevent leakage into sewers, soil, surface and underground water (by fencing off the spill site, covering sewer inlets, oil barriers, creating retention lagoons, etc.). 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

In the event of a large leak, stop the leak and pump out the mixture. In the event of a small leak, neutralize, cover with a suitable sorbent (universal sorbent, sand, sawdust, diatomaceous earth, earth, vermiculite, etc.), store the used sorbent in a closable waste container and dispose of it as hazardous waste. Wash the contaminated area with water.

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 the sprayed mixture, use personal protective equipment according to sec. 8. Avoid confusion with drinks. Keep the work area clean and clear. The work area should be equipped with a source of drinking water to provide first aid. The container with the mixture must remain closed and secured against overturning. Avoid contact with heat sources.

Observe the applicable health and safety legislation. Observe 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.

7.2. Conditions for safe storage, including any incompatibilities

Store tightly closed in the original packaging in a cool, dry and well-ventilated place. Store away from heat sources. Store away from food, drink and feed. The warehouse should be equipped with a source of potable water for providing first aid. Store away from strong acids and oxidizing agents. Follow the directions on the label.

Content	Packaging type	Material of package
1 l	bottle	HDPE
5 l	jerry can	HDPE
10 l	jerry can	HDPE
25 l	jerry can	HDPE
40 l	jerry can	HDPE
200 l	barrel / drum	HDPE

7.3. Specific end use(s)

not available

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 ³	irritating to mucous membranes (eyes, respiratory system) and skin
	NPK-P	2 mg/m ³	

European Union

Commission Directive 2006/15/EC

Substance name (component)	Type	Value	Note
2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)	OEL 8 hours	67,5 mg/m ³	
	OEL 8 hours	10 ppm	
	OEL 15 minutes	101,2 mg/m ³	
	OEL 15 minutes	15 ppm	

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8.2. Exposure controls

Ensure sufficient ventilation of the work area. Avoid contact with skin and eyes, do not inhale the sprayed mixture. 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

Closed safety glasses.

Skin protection

Protective work clothing. Wash affected skin, remove contaminated clothing, wash before further use. Protective gloves (material, e.g. rubber, PVC, nitrile rubber) - when choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Test at a specific workplace before first use. Replace damaged gloves.

Respiratory protection

If the recommended method of use is followed, it is not necessary. In case of mist or aerosol formation, use a mask with a filter, type A.

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	Clear to brownish
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
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	11-12 (undiluted)
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	1 g/cm ³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

VOC content: Not determined

Explosive properties: The mixture does not show explosive properties.

Oxidizing properties: The mixture is not classified as oxidizing.

SECTION 10: Stability and reactivity

10.1. Reactivity

If the recommended method of use is followed, there is no risk of dangerous reactions. The mixture is corrosive, strongly alkaline, danger of reaction with acids.

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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, a dangerous exothermic reaction, heat generation and splashing of the reaction mixture may occur. Hazardous gases may be released by reaction with oxidizing agents.

10.4. Conditions to avoid

Very high temperatures, frost, contact with incompatible materials.

10.5. Incompatible materials

Strong acids, oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions, the mixture is not decomposed. Incomplete combustion or thermal decomposition produces toxic products of combustion (COx, NOx, hydrocarbons, etc.).

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.

Skin corrosion/irritation

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

Serious eye damage/irritation

The mixture is classified as harmful to the eyes, category 1. The mixture causes severe damage to 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 vapors or sprayed mixture may cause irritation or respiratory tract irritation.

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11.2. Information on other hazards

It does not contain substances causing disruption of the endocrine system. The mixture is strongly alkaline. It can cause severe irritation to damage to the eyes (redness, burning in the eyes, tearing, reversible damage to damage to the cornea) and skin (redness, itching, possibly irritation). Inhalation of the sprayed mixture or mist can cause severe irritation of the respiratory tract, coughing, burning of the respiratory system. Ingestion of the liquid may cause nausea, abdominal pain, vomiting and diarrhoea, in the extreme case disruption of the digestive tract with internal bleeding.

SECTION 12: Ecological information

12.1. Toxicity

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

12.2. Persistence and degradability

The surfactants contained in this product comply with the biodegradability criteria (90%) according to Directive (EU) 648/2004 on detergents, as amended.

12.3. Bioaccumulative potential

Not determined, bioaccumulation is not likely

12.4. Mobility in soil

Mixture soluble in water, danger of contamination of waterways.

12.5. Results of PBT and vPvB assessment

The mixture does not contain substances from the PBT and vPvB groups according to Annex XIII of the REACH Regulation, 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

The mixture is not classified as harmful to the environment. Leakage of larger amounts into sewers or water sources can change the pH of the water environment. Avoid release to soil, ground or surface water or sewers. Observe the usual environmental protection measures.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Neutralize a small amount and dilute with water. Dispose of as hazardous waste. Hand over for disposal to an authorized person for special treatment or to a hazardous waste collection yard. Do not dispose together with municipal waste. Dispose of mixture and packaging residues in accordance with local waste management 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

20 01 15* Alkalines

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 1760

14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S.

14.3. Transport hazard class(es)

8 Corrosive substances

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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.	80
UN number	1760
Classification code	C9
Safety signs	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	760

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 ammended. 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.

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Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

2-(2-butoxyethoxy)ethanol

Restriction	Conditions of restriction
55	<p>1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight.</p> <p>2. Spray paints and spray cleaners in aerosol dispensers containing DEGBE and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.</p> <p>3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that paints other than spray paints containing DEGBE in concentrations equal to or greater than 3 % by weight of that are placed on the market for supply to the general public are visibly, legibly and indelibly marked by 27 December 2010 as follows:</p> <p>"Do not use in paint spraying equipment".</p>

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

<5 % phosphates, <5 % anionic surfactants, <5 % non-ionic surfactants, <5 % Disodium metasilicate

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.
H335	May cause respiratory irritation.

Guidelines for safe handling used in the safety data sheet

P260	Do not breathe mist/vapours.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or 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
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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
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
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
Eye Dam.	Serious eye damage
Met. Corr.	Corrosive to metals
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

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.

Statement



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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.

