

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) .

NOVATIT

Creation date	22nd October 2003	Version	4
Revision date	21st November 2022		

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

- 1.1. Product identifier** NOVATIT
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Repair glue.
The use descriptors
PC 1 Adhesives, sealants
PW Widespread use by professional workers
Mixture uses advised against
Not specified. It is recommended to be used only for specified uses. Other uses may expose users to unforeseeable risks.
- 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
Skin Corr. 1, H314
Skin Sens. 1, H317
Eye Dam. 1, H318
STOT SE 3, H335

Most serious adverse physico-chemical effects

The mixture is highly flammable. Incomplete combustion or thermal decomposition can generate hazardous gases. Avoid contact with sources of heat, opened flames and exposure to direct sunlight. Avoid inhalation of thermal decomposition products.

Most serious adverse effects on human health and the environment

The mixture is corrosive. May cause severe irritation to eye damage (redness, burning in the eyes, tearing, inflammation, corneal damage) and skin (redness, itching, disturbance, chemical burns). The mixture contains a sensitizing substance, may cause an allergic skin reaction (swelling, rash, eczema, dermatitis). Inhalation of vapors may cause respiratory irritation, cough, burning of the respiratory system. Ingestion can cause irritation to digestive tract damage, abdominal pain and nausea.

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2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

Methyl methacrylate
acrylic acid
Kumenhydroperoxid

Hazard statements

H225	Highly flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container to in accordance with local regulations by handing over to a person authorized to dispose of waste or a site designated by the town.

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. Highly flammable liquid and vapour. Causes severe skin burns and eye damage. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of the above substances and admixtures.

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: 607-035-00-6 CAS: 80-62-6 EC: 201-297-1	Methyl methacrylate	45-55	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335 Specific concentration limit: Skin Irrit. 2, H315: C ≥ 10 % Skin Sens. 1, H317: C ≥ 1 % STOT SE 3, H335: C ≥ 20 %	1
Index: 607-061-00-8 CAS: 79-10-7 EC: 201-177-9	acrylic acid	<10	Flam. Liq. 3, H226 Acute Tox. 4, H302+H312+H332 Skin Corr. 1A, H314 Aquatic Acute 1, H400 Specific concentration limit: STOT SE 3, H335: C ≥ 1 % Skin Corr. 1A, H314: C ≥ 5 %	1
Index: 617-002-00-8 CAS: 80-15-9 EC: 201-254-7	Kumenhydroperoxid	<1	Org. Perox. E, H242 Acute Tox. 4, H302+H312 Skin Corr. 1B, H314 Acute Tox. 3, H331 STOT RE 2, H373 Aquatic Chronic 2, H411 Specific concentration limit: Skin Corr. 1B, H314: C ≥ 10 % Skin Irrit. 2, H315: 3 % ≤ C < 10 % Eye Dam. 1, H318: 5 % ≤ C < 10 % Eye Irrit. 2, H319: 5 % ≤ C < 10 % STOT SE 3, H335: C < 10 % STOT RE 2, H373: C ≥ 10 %	

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

In case of symptoms of health or if in doubt, seek medical advice and provide information from this safety data sheet. Rinse the skin with water and cover with a sterile dressing. In the case of life-threatening conditions, resuscitate. Ensure warmth and tranquility. Keep the unconscious person in a stabilized position and do not give anything by mouth. Avoid cool. Do not induce vomiting. For spontaneous vomiting, avoid swallowing of vomit.

If inhaled

If inhaled, stop exposure, flush the oral cavity with water, breathe fresh air. If respiratory tract irritation develops, seek medical attention. If necessary (breathing or irregular breathing), perform artificial respiration.

If on skin

Remove obstacles (rings, bracelets, watches, etc.) at the point where the skin is touched. Remove affected clothing. Wipe the product thoroughly, rinse thoroughly with water, and do not burn with soap and treat with a regenerating cream. If symptoms of irritation, disturbance or allergic reactions occur, seek medical advice.

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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 your mouth with water, drink a glass of water (only if it is conscious and has no cramps). Immediately seek medical advice and present this Safety Data Sheet.

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

If inhaled

Inhalation of vapors may cause respiratory irritation, cough, burning of the respiratory system.

If on skin

The mixture is corrosive. May cause severe irritation and skin damage (redness, itching, disturbance, chemical burns). The mixture contains a sensitizing substance, may cause an allergic skin reaction (swelling, rash, eczema, dermatitis).

If in eyes

May cause severe irritation to eye damage (redness, burning in the eyes, tearing, inflammation, corneal damage).

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

Multipurpose powders, CO₂, foam, water mist, sand.

Unsuitable extinguishing media

Full stream of water.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition or incomplete combustion may result in hazardous flue gas (CO, CO₂, etc.). Do not inhale decomposition products. Vapors are heavier than air, accumulate in the lower positions, may form explosive mixtures with air. There is a risk of re-ignition.

5.3. Advice for firefighters

Use protective equipment (self-contained breathing apparatus and fire-proof chemical suit). Remove packaging from the reach of fire if you can do so without risk. Cover the product near the fire with spray water or cover with foam. Fire residues and water after treatment should be disposed of as hazardous waste.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid entry of unauthorized persons, ensure escape area. Remove sources of heat and ignition, do not smoke, do not expose to direct sunlight. Use non-sparking tools, avoid electrostatic charge. Ensure adequate ventilation of the work area. Avoid breathing vapors. Avoid contact with skin and eyes - use personal protective equipment.

6.2. Environmental precautions

Ensure escape area, do not allow to enter into sewers, soil, surface and ground water. In the event of a large leak, monitor NPK concentrations or concentrations. TLV and inform the appropriate governmental authorities and the flow or sewerage manager.

6.3. Methods and material for containment and cleaning up

Do not allow leakage. In case of leakage, isolate the affected place, cover with a suitable non-flammable sorbent using personal protective equipment (universal sorbent, sand, kieselguhr, soil, etc.). Store the used sorbent in a sealing waste container, label and dispose of as hazardous waste. Wash the contaminated area.

6.4. Reference to other sections

For recommended personal protective equipment, see Section 8. Dispose of unused product according to section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation or suction of the work area. Protect eyes and skin, prevent inhalation of vapors, use personal protective equipment according to section 8. Avoid the formation of vapor gases in flammable concentrations and concentrations exceeding the maximum allowable concentrations (NPK-P) for working atmosphere. Avoid contact with open fire and possible sources of ignition. No smoking. Protect against direct sunlight. Observe the applicable safety and health legislation. Observe the principles of working hygiene with chemicals, do not eat, drink or drink. Wash hands with warm soapy water before breaks, meals, and after work.

7.2. Conditions for safe storage, including any incompatibilities

Store tightly closed in original containers at temperatures up to 40 °C, in dry, cool and well-ventilated areas. Store away from food, drink and animal feed. Store away from heat sources. Store away from oxidizing agents, acids and alkalis. Follow the instructions on the label. Quantity limit under established storage conditions: neuvedeno

Storage temperature maximum 40 °C

The specific requirements or rules relating to the substance/mixture

Refer to the instruction manual.

7.3. Specific end use(s)

Refer to the instruction manual.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Czech Republic	Government Regulation 330/2023 Coll.		
Substance name (component)	Type	Value	Note
Methyl methacrylate (CAS: 80-62-6)	PEL	50 mg/m ³	irritating to mucous membranes (eyes, respiratory system) and skin, the substance has a sensitizing effect
	PEL	12 ppm	
	NPK-P	150 mg/m ³	
	NPK-P	36 ppm	
acrylic acid (CAS: 79-10-7)	PEL	29 mg/m ³	irritating to mucous membranes (eyes, respiratory system) and skin
	PEL	9,7 ppm	
	NPK-P	59 mg/m ³	, 1 min, irritating to mucous membranes (eyes, respiratory system) and skin
	NPK-P	19,7 ppm	

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European Union

Commission Directive (EU) 2017/164

Substance name (component)	Type	Value	Note
acrylic acid (CAS: 79-10-7)	OEL 8 hours	29 mg/m ³	Short-term exposure limit value in relation to a reference period of 1 minute.
	OEL 8 hours	10 ppm	
	OEL 15 minutes	59 mg/m ³	
	OEL 15 minutes	20 ppm	

European Union

Commission Directive 2009/161/EU

Substance name (component)	Type	Value	Note
Methyl methacrylate (CAS: 80-62-6)	OEL 8 hours	50 ppm	
	OEL 15 minutes	100 ppm	

8.2. Exposure controls

Ensure adequate ventilation or extraction of the work area. Avoid contact with skin and eyes. Avoid breathing vapors. Securely open fire and possible sources of ignition. Observe hygiene measures for handling chemicals. Do not eat, drink and smoke during work. Provide a first-aid source for drinking water in the workplace. Wash hands with lukewarm water and soap before breaks, food and work. Adapt personal protective equipment to the nature of the work.

Eye/face protection

Closed safety glasses.

Skin protection

Protective work clothing made of antistatic material resistant to elevated temperatures. Remove contaminated clothing, wash before using it. Protective gloves (material eg butyl rubber, 0.7 mm, penetration time > 480 min.). Observe the recommended penetration time of the glove material. When selecting the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Replace damaged gloves.

Respiratory protection

Respirator. In case of insufficient ventilation, use a mask with an organic vapor filter, a long-term load or an insulating respirator.

Thermal hazard

Avoid exposure to temperatures above 40 ° C.

Environmental exposure controls

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	Gray beige
Odour	characteristic
Odour threshold	not determined
Melting point/freezing point	-48 °C
Boiling point or initial boiling point and boiling range	100 °C
Flammability	Flammable Class I.

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Lower and upper explosion limit	
bottom	2.1 %
upper	12.5 %
Flash point	11 °C
Auto-ignition temperature	421 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Viscosity	Not Specified
Solubility in water	Limited soluble
Solubility in fats	Not Specified
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	28 mmHg at 20 °C
Density and/or relative density	
Density	data not available
Relative density	949 kg/m ³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

Evaporation rate	data not available
Appearance	liquid
Oxidising properties	Intact
Vapour density	data not available
Content of organic solvents (VOC)	< 66%
Explosive properties:	Not explosive. Solvent vapors can form an explosive mixture when mixed with air.
Oxidizing properties:	The mixture is not classified as oxidizing.

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is flammable. When the instructions for use are followed, no dangerous reactions are known.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

The mixture may react with strong oxidizing agents. Vapors mixed with air can be explosive.

10.4. Conditions to avoid

Temperatures above 40 ° C, contact with open flame, heat sources and direct sunlight.

10.5. Incompatible materials

Strong oxidizing agents, strong bases, soft metals.

10.6. Hazardous decomposition products

Under normal conditions, the mixture is not decomposed. Incomplete combustion or thermal decomposition produces toxic products of burning (CO, CO₂, thick smoke, 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.

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Acute toxicity

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

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Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	1328 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	3625 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LD ₅₀	7872 mg/l	4 hours	Rat (Rattus norvegicus)	

acrylic acid

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	193-2500 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LD ₅₀	1202-3840 ppm	4 hours	Rat (Rattus norvegicus)	
Dermal	LD ₅₀	280 mg/kg		Rabbit	

Kumenhydroperoxid

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	382 mg/kg		Rat	
Inhalation	LD ₅₀	220 ppm	4 hours	Rat	
Dermal	LD ₅₀	500 mg/kg		Rabbit	

Methyl methacrylate

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	8500-9400 mg/kg		Rat	
Inhalation	LC ₅₀	7093 ppm	4 hours	Rat	
Dermal	LD ₅₀	>5000 mg/kg			

Skin corrosion/irritation

The mixture is classified as corrosive, category 1A. May cause skin burns.

Serious eye damage/irritation

The mixture is classified as corrosive, category 1A. Causes serious eye damage.

Respiratory or skin sensitisation

The mixture is classified as sensitizing skin, category 1. It can cause an allergic skin reaction.

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.

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Toxicity for specific target organ - single exposure

Mixture is classified as toxic for specific target organs after single exposure, Category 3. May cause respiratory irritation.

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.

11.2. Information on other hazards

It does not contain substances causing disruption of the endocrine system. Inhalation may cause mild irritation of the mucous membranes and respiratory tract. Inhalation of vapors causes headaches, dizziness, malaise, fatigue and general weakness. The mixture irritates the eyes (redness, tearing, burning, even conjunctivitis). Frequent or long-term contact with the skin can cause dryness, cracking of the skin and even dermatitis. Ingestion of the liquid fraction may cause abdominal pain and nausea.

SECTION 12: Ecological information

12.1. Toxicity

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

Acute toxicity

acrylic acid				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	27 mg/l	96 hours	Fish (<i>Salmo gairdneri</i>)	
LC ₅₀	315 mg/l	48 hours	Fish (<i>Leuciscus idus</i>)	
LC ₅₀	222 mg/l	96 hours	Fish (<i>Branchydanio rerio</i>)	
EC ₅₀	95 mg/l	48 hours	Invertebrates (<i>Daphnia magna</i>)	
EC ₅₀	54 mg/l	24 hours	Invertebrates (<i>Daphnia magna</i>)	

Kumenhydroperoxid				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	3.9 mg/l	96 hours	Fish (<i>Oncorhynchus mykiss</i>)	
LC ₅₀	14 mg/l	48 hours	Fish (<i>Leuciscus idus</i>)	
EC ₅₀	7-16 mg/kg	24 hours	Invertebrates (<i>Daphnia magna</i>)	

Methyl methacrylate				
Parameter	Value	Exposure time	Species	Environment
LC ₅₀	191 mg/l	96 hours	Fish (<i>Lepomis macrochirus</i>)	
NOEC	40 mg/l	96 hours	Fish (<i>Oncorhynchus mykiss</i>)	
LC ₅₀	480 mg/l	24 hours	Fish (<i>Pimephales promelas</i>)	
EC ₅₀	69 mg/l	48 hours	Invertebrates (<i>Daphnia magna</i>)	
EC ₅₀	170 mg/l	4 days	Algae (<i>Selenastrum capricornutum</i>)	

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12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

12.4. Mobility in soil

It's not mobile.

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. Has not been done.

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 dangerous for the environment. Observe the usual environmental precautions. Avoid leakage into sewers and underground or surface water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal methods Dispose of as hazardous waste. Transfer to an authorized person or to a hazardous waste collection yard. Dispose of residues of the mixture and the packaging in accordance with local waste management regulations. Possible waste catalog number: unused mix 08 04 09. Suitable methods for disposal of contaminated packaging Dispose of as hazardous waste. Contaminated packaging 15 01 10.

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

08 04 09* waste adhesives and sealants containing organic solvents or other hazardous substances

Packaging waste type code

15 01 10* packaging containing residues of or contaminated by hazardous substances

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

UN 1247

14.2. UN proper shipping name

METHYL METHACRYLATE MONOMER, STABILIZED

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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Hazard identification No.	339
UN number	1247
Classification code	F1
Safety signs	3



Tunnel restriction code (D/E)

Air transport - ICAO/IATA

Packaging instructions passenger	353
Cargo packaging instructions	364

Marine transport - IMDG

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

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.

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.
H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

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H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H302+H312	Harmful if swallowed or in contact with skin.
H302+H312+H332	Harmful if swallowed, in contact with skin 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.
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.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container to in accordance with local regulations by handing over to a person authorized to dispose of waste or a site designated by the town.

Other important information about human health protection

not available

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
EC	Identification code for each substance listed in EINECS
EC ₅₀	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 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
NOEC	No observed effect concentration
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

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) .

NOVATIT

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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
Org. Perox.	Organic peroxide
Skin Corr.	Skin corrosion
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

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

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

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

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 provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application. The user is responsible for the treatment under existing laws and regulations.