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) .

TECHNOSOL

Creation date	13th October 2011		
Revision date	30th November 2022	Version	6

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

1.1. Product identifier TECHNOSOL

Substance / mixture: mixture

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

Mixture's intended use

Spray cleaner.

The use descriptors

IS	Use at industrial sites
PW	Widespread use by professional workers

Mixture uses advised against

The product should not be used in ways other then 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.

Aerosol 1, H229, H222
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H336
Aquatic Chronic 2, H411

Most serious adverse physico-chemical effects

The mixture is extremely flammable. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 ° C. Do not pierce or throw into an empty container. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children. Imperfect combustion can release dangerous gases.

Most serious adverse effects on human health and the environment

Inhalation of the aerosol may cause headache, fatigue, drowsiness, malaise to narcotic conditions, exceptionally irritation of mucous membranes and respiratory tract. Do not breathe aerosol. Irritating to skin (redness, itching, burning or dermatitis). Irritating to eyes (tearing, burning, itching or conjunctivitis). Frequent or prolonged skin contact causes dryness or cracking of the skin to dermatitis. Ingestion of the liquid phase may cause abdominal pain and nausea. Follow the instructions in the operating instructions.

2.2. Label elements

Hazard pictogram

Signal word

Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

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.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing vapours and spray.
P273	Avoid release to the environment.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C.
P501	Dispose of container to in accordance with local regulations.

Supplemental information

EUH066	Repeated exposure may cause skin dryness or cracking.

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.

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
EC: 921-024-6 Registration number: 01-2119475514-35	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	50-75	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411 Specific concentration limit: Skin Irrit. 2, H315: C ≥ 10 % STOT SE 3, H336: C ≥ 20 % Aquatic Chronic 2, H411: C ≥ 25 %	1

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2	acetone	25-40	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 % STOT SE 3, H336: C ≥ 20 %	1
Index: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1 Registration number: 01-2119457435-35	1-methoxy-2-propanol	5-10	Flam. Liq. 3, H226 STOT SE 3, H336 Specific concentration limit: STOT SE 3, H336: C ≥ 20 %	1
CAS: 124-38-9 EC: 204-696-9	carbon-dioxide	5-10	Press. Gas (liquefied gas), H280	1

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 all cases of doubt, or when feeling unwell, seek medical advice and show this safety data sheet to the physician. In case of life-threatening conditions, perform resuscitation. Place unconscious person in recovery position, keep calm and warm, do not give anything by mouth. Avoid cooling down. Do not induce vomiting. Avoid inhalation of vomit in case of spontaneous vomiting.

If inhaled

In case of inhalation of aerosol, leave the contaminated area, rinse the oral cavity with water, inhale fresh air. Seek medical attention if breathing difficulties occur. If necessary (respiratory arrest or irregular breathing), perform artificial respiration.

If on skin

Wash skin thoroughly with soap and water, treat with regenerating cream. If clothing is contaminated, remove clothing. Seek medical attention if irritation develops.

If in eyes

If the affected person has contact lenses, remove them. Flush eyes wide open from the inner corner of the eye towards the outside with plenty of clean lukewarm water, especially the area under the eyelids. Rinse for at least 15 minutes, seek medical attention.

If swallowed

In the case of an aerosol product, ingestion is very unlikely. Do not induce vomiting, rinse mouth with water (only if the person is conscious). Seek medical attention and present this safety data sheet.

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

If inhaled

Inhalation of the aerosol may cause headache, fatigue, drowsiness, malaise to narcotic conditions, exceptionally irritation of mucous membranes and respiratory tract. Do not breathe aerosol.

If on skin

Irritating to skin (redness, itching, burning or dermatitis). Frequent or prolonged skin contact causes dryness or cracking of the skin to dermatitis.

If in eyes

Irritating to eyes (tearing, burning, itching, redness or conjunctivitis).

If swallowed

not available

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. Crushed water can be used to cool the containers near the fire.

5.2. Special hazards arising from the substance or mixture

Extremely flammable mixture. Incomplete combustion can produce toxic gases (COx, hydrocarbons, etc.). Do not breathe decomposition products. At elevated temperatures, the pressure vessel can be pressurized and torn. Solvent vapors are heavier than air and accumulate mainly in the lower positions. When mixed with air, they may form an explosive mixture. There is a risk of re-ignition.

5.3. Advice for firefighters

Self-contained breathing apparatus and non-combustible emergency suit. Use non-sparking tools. Cool containers near fire with water spray or cover with foam. 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 unauthorized entry, escape area. Ensure adequate ventilation, avoid inhalation of aerosol. Eliminate possible sources of ignition, do not smoke, do not expose direct sunlight. Use non-sparking tools, avoid electrostatic discharge. Avoid contact with skin and eyes - use personal protective equipment.

6.2. Environmental precautions

Provide a spill area, prevent leakage into drains, soil, surface and ground water. In the event of a large liquid leak, monitor the NPK or TLV concentrations and inform the appropriate ones state administration bodies and the administrator of the flow or sewerage system.

6.3. Methods and material for containment and cleaning up

The aerosol evaporates, ensure adequate ventilation. Prevent liquid leakage, cover with a non-flammable sorbent (sand, diatomaceous earth, soil, etc.), place the used sorbent in a closable waste container and dispose of it as hazardous waste. Wash contaminated area with water.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the work area. Avoid the formation of gases and vapors in flammable or explosive concentrations and concentrations exceeding the maximum permissible concentrations (NPK-P) for working atmosphere. Avoid contact with open flames and other sources of ignition. Protect from direct sunlight. Use non-sparking tools. Perform preventive measures against static discharges. Protect eyes and skin, do not inhale aerosol, use personal protective equipment according to odd. 8. Observe the applicable safety and health regulations. Follow the rules hygiene work with chemicals, do not eat, drink or smoke while working. Before breaks, meals and after wash your hands with warm soapy water.

7.2. Conditions for safe storage, including any incompatibilities

Store in original containers at temperatures up to 50 ° C, in dry, well-ventilated places. Store away from heat, protect from direct sunlight, do not smoke. Store away from food, drink and animal feeding stuffs. Store separately as flammable. Observe the general regulations for storage of pressure vessels. Follow the instructions on the label.

Content	Packaging type	Material of package
600 ml	aerosol can	FE

Storage class	2B - Aerosols
Storage temperature	max. 50 °C

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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

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

Substance name (component)	Type	Value	Note
acetone (CAS: 67-64-1)	PEL	800 mg/m³	irritating to mucous membranes (eyes, respiratory system) and skin
	PEL	331,4 ppm	
	NPK-P	1500 mg/m³	
	NPK-P	621,4 ppm	
1-methoxy-2-propanol (CAS: 107-98-2)	PEL	270 mg/m³	skin penetration is significantly involved during exposure
	PEL	72,09 ppm	
	NPK-P	550 mg/m³	
	NPK-P	146,84 ppm	
carbon-dioxide (CAS: 124-38-9)	PEL	9000 mg/m³	
	PEL	4921 ppm	
	NPK-P	45000 mg/m³	
	NPK-P	24603 ppm	

Czech Republic **Government Regulation 195/2021 Coll.**

Substance name (component)	Type	Value	Note
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	PEL	400 mg/m³	
	NPK-P	1000 mg/m³	

European Union **Commission Directive 2000/39/EC**

Substance name (component)	Type	Value	Note
acetone (CAS: 67-64-1)	OEL 8 hours	1210 mg/m³	
	OEL 8 hours	500 ppm	
1-methoxy-2-propanol (CAS: 107-98-2)	OEL 8 hours	375 mg/m³	Skin
	OEL 8 hours	100 ppm	
	OEL 15 minutes	568 mg/m³	
	OEL 15 minutes	150 ppm	

European Union **Commission Directive 2006/15/EC**

Substance name (component)	Type	Value	Note
carbon-dioxide (CAS: 124-38-9)	OEL 8 hours	9000 mg/m³	
	OEL 8 hours	5000 ppm	

DNEL

1-methoxy-2-propanol					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	369 mg/m³	Chronic effects systemic		
Workers	Dermal	183 mg/kg/24h	Chronic effects systemic		

acetone					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	1210 mg/m³	Chronic effects systemic		
Workers	Dermal	186 mg/kg/24h	Chronic effects systemic		

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	2035 mg/m³	Chronic effects systemic		
Workers	Dermal	773 mg/kg/24h	Chronic effects systemic		

PNEC

1-methoxy-2-propanol			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	100 mg/l		
Freshwater environment	10 mg/l		
Marine water	1 mg/l		
Soil (agricultural)	4.59 mg/kg		
Freshwater sediment	52.3 mg/kg		
Sea sediments	5.2 mg/kg		

acetone			
Route of exposure	Value	Value determination	Source
Microorganisms in sewage treatment	100 mg/l		
Freshwater environment	10.6 mg/l		
Marine water	1.06 mg/l		
Soil (agricultural)	29.5 mg/kg		
Freshwater sediment	30.4 mg/kg		
Sea sediments	3.04 mg/kg		

8.2. Exposure controls

Ensure adequate ventilation, or work space extraction. In case of exceeding the NPK-P, use suitable respiratory protection. Avoid contact with skin and eyes, do not inhale aerosol. Observe hygienic measures when working with chemicals. Do not eat, drink or smoke while working. Wash hands with lukewarm soap and water 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 made of non-combustible material. Wash affected skin, take off contaminated clothing, wash before reuse. Protective gloves - when choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Before first use, test at a specific workplace. Due to the nature of the mixture, the appropriate composition of the gloves cannot be precisely determined. Replace damaged gloves.

Respiratory protection

In case of insufficient ventilation, in case of short-term or low exposure use a mask with a filter (ABEK filter) against organic vapors and aerosols. Wear self-contained breathing apparatus if limits are exceeded or under heavy load.

Thermal hazard

Exposure to elevated temperatures may result in tearing of the aerosol container when overheating.

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	clear
Odour	characteristic
Melting point/freezing point	<21 °C (cannot be used - it is an aerosol)
Boiling point or initial boiling point and boiling range	not applicable
Flammability	Flammable Class I.
Lower and upper explosion limit	
bottom	0.6 %
upper	13 %
Flash point	<21 °C
Auto-ignition temperature	>200 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	not at all or very little miscible
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	247 hPa at 20 °C
Density and/or relative density	
Density	0.71 g/cm³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

VOC content (according to EU): 667.9 g / l (= 93.73%).
Organic solvent content: 93.7%
Ignition temperature: >200 ° C
The mixture is not explosive, there is a risk of explosion in a mixture of vapors with air.
The mixture is not classified as oxidizing.

SECTION 10: Stability and reactivity

10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No dangerous reactions known. There is a risk of explosion of the pressure vessel when exposed to high temperatures. Solvent vapors may form explosive mixtures with air.

10.4. Conditions to avoid

Temperatures above 50 °C, contact with open fire, possible sources of ignition and hot surfaces, sparks, static electricity. Avoid formation of concentrations within the limits of explosivity.

10.5. Incompatible materials

Flammable materials, strong oxidizing agents, strong acids.

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.

1-methoxy-2-propanol					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	5660 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD_{50}	13000 mg/kg		Rat (Rattus norvegicus)	
Inhalation	LC_{50}	55 mg/m³	4 hours	Rat (Rattus norvegicus)	

acetone					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	5800 mg/kg		Rat	
Dermal	LD_{50}	20000 mg/kg		Rat	
Inhalation	LC_{50}	39 mg/m³	4 hours	Rat	

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	>5840 mg/kg		Rat	
Dermal	LD_{50}	>2920 mg/kg		Rabbit	
Inhalation	LC_{50}	25.2 mg/l	4 hours	Rat	
Inhalation	LC_{50}	193 mg/m³	4 hours	Rat	

Skin corrosion/irritation

The mixture is classified as irritating to skin, category 2. It irritates the skin.

Serious eye damage/irritation
Mixture is classified as eye irritant, category 2.

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 toxic to specific target organs after a single exposure, category 3. Inhalation of vapors or aerosols may cause headache, drowsiness or dizziness, malaise, or even narcotic conditions.

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
Inhalation of the aerosol may cause headache, fatigue, drowsiness, malaise to narcotic conditions, exceptionally irritation of mucous membranes and respiratory tract. Do not breathe aerosol. Irritating to skin (redness, itching, burning or dermatitis). Irritating to eyes (tearing, burning, itching, redness or conjunctivitis). Frequent or prolonged skin contact causes dryness or cracking of the skin to dermatitis.

SECTION 12: Ecological information

12.1. Toxicity
The ecotoxic effects of the mixture were not assessed. Avoid leakage of liquid into drains and underground or surface water.

Acute toxicity

1-methoxy-2-propanol				
Parameter	Value	Exposure time	Species	Environment
EC_{50}	>1000 mg/l	48 hours		Activated sludge
LC_{50}	4600-10000 mg/l	96 hours	Fish (Leuciscus idus)	

acetone				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	5540 mg/l	96 hours	Fish	
EC_{50}	8800 mg/l	48 hours	Invertebrates (Daphnia magna)	

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	2200 mg/l	96 hours	Fish (Pimephales promelas)	
LC_{50}	93-117 mg/l	96 hours	Fish	
EC_{50}	4.3 mg/l	96 hours	Invertebrates (Daphnia magna)	
EC_{50}	30-100 mg/l	72 hours	Algae	

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

12.4. Mobility in soil

The mixture is easily evaporated.

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

Water hazard class: 2 (Self-assessment): Hazardous to water. The mixture is dangerous for the environment, even small amounts can contaminate drinking water sources. Do not allow to enter soil, ground or surface water or sewage system. Observe the usual environmental precautions.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Suitable methods for disposal of the mixture Dispose of as hazardous waste. Dispose of at an authorized person or at a hazardous waste collection point. Dispose of mixture and packaging residues in accordance with local waste disposal regulations. Do not pierce or throw empty containers into a fire.

Waste management legislation

Waste Act No. 185/2001 Coll. as amended. Act No. 477/2001 Coll., On packaging, as amended.

Waste type code

14 06 03* other solvents and solvent mixtures

20 01 13* Solvents

Packaging waste type code

15 01 11* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers

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 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not relevant

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

Can not be used.

Additional information

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.	
UN number	1950
Classification code	5F
Safety signs	2.1

Road transport - ADR

Special provisions	190, 327, 344, 625
Limited quantities	1 L
Excepted quantities	E0
Packaging	
Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	2
Tunnel restriction code	(D)
Special provision for	
packages	V14
loading, unloading and handling	CV9, CV12
operation	S2

Railway transport - RID

Special provisions	190, 327, 344, 625
Excepted quantities	E0
Packaging	
Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	0
Special provision for	
packages	W14
loading, unloading and handling	CW9, CW12

Air transport - ICAO/IATA

Packaging instructions for limited amount	Y203
Packaging instructions passenger	203
Cargo packaging instructions	203

Marine transport - IMDG

EmS (emergency plan)	F-D, S-U
MFAG	620

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

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

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.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing vapours and spray.
P273	Avoid release to the environment.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C.
P501	Dispose of container to in accordance with local regulations.

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

EUH066	Repeated exposure may cause skin dryness or cracking.

Other important information about human health protection

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

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor

CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
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 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

Aerosol	Aerosol
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Press. Gas	Gases under pressure
Skin Irrit.	Skin irritation
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.

Recommended restrictions of use

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.

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

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.