

**TECHNOSOL**

Creation date 07. February 2019  
Revision date Version 1.0

**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**

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

**Distributor**

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**

National Health Service (NHS) 111  
National poisoning information centre Scotland, NHS 24: 111

**SECTION 2: Hazards identification****2.1. Substance or mixture classification****Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

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

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

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### Most serious adverse physico-chemical effects

The mixture is extremely flammable. Container under pressure: Do not expose to sunlight and temperatures above 50 ° C. Do not pierce or empty the empty container. Do not spray into naked flames or hot items. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Incomplete combustion may generate hazardous gases.

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

Inhalation of the aerosol can cause headaches, fatigue, drowsiness, malaise to narcotic conditions, exceptional irritation of mucous membranes and respiratory tract. Do not inhale aerosol. Irritating to the skin (redness, itching, burning to dermatitis). Irritating to eyes (tearing, burning, itching until conjunctivitis). Frequent or prolonged contact with the skin causes the skin to dry or crack to dermatitis. Ingestion of the liquid phase can cause abdominal pain and nausea. Follow the instructions in the operating instructions. The mixture is classified as dangerous for the environment. The liquid is lighter than water and can cover the water level. Avoid leakage into the soil, underground or surface water or sewers.

## 2.2. Label elements

### Hazard pictogram



### Signal word

Danger

### Hazardous substances

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane  
acetone  
carbon-dioxide

### 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 vapor and aerosols.  
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 not expose to temperatures exceeding 50 °C.  
P501 Dispose of contents/container according to local regulations as hazardous waste; hand over to the authorized person for disposal.

### Supplemental information

EUH 066 Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

The mixture or its components are not classified as PBT or vPvB nor are they listed on the candidate list for Annex XIV of the REACH Regulation as of the date of preparation of the SDS.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture of substances and additives specified below.

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

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 649-328-00-1 CAS: 64742-49-0 EC: 921-024-6 Registration number: 01-2119475514-35	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <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	
Index: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2	acetone	25-50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	1
Index: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1	1-Methoxypropan-2-ol	5-10	Flam. Liq. 3, H226 STOT SE 3, H336	
CAS: 124-38-9 EC: 204-696-9	carbon-dioxide	5-10	Press. Gas (compressed gas), H280	1

##### Notes

1 Substance for which exposure limits of Community for working environment exist.

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

If you feel any health problems or if in doubt, seek medical advice and provide information from this Safety Data Sheet. In the case of life-threatening conditions, resuscitate. 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 inhalation of vomit.

##### Inhalation

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.

##### Skin contact

Wash all affected parts with water with soap, treat with regeneration cream. In case of garment contamination, remove the garment. If symptoms of irritation develop, seek medical attention.

##### Eye contact

If it has affected contact lenses, remove them if possible. Open wide eyes rinse out of the inner corner of the eye toward 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.

##### Ingestion

In the case of an aerosol product, ingestion is very unlikely. Do not induce vomiting, rinse your mouth with water. Immediately seek medical advice and present this Safety Data Sheet. Risk of inhalation of vomit.

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

Inhalation of the aerosol may cause headaches, fatigue, drowsiness, malaise to narcotic conditions, exceptional irritation of mucous membranes and respiratory tract. Do not inhale aerosol.

**Skin contact**

Irritating to the skin (redness, itching, burning). Frequent or prolonged contact with the skin causes the skin to dry or crack to dermatitis.

**Eye contact**

The mixture irritates the eyes (redness, tearing, burning, inflammation of conjunctivae).

**Ingestion**

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, CO<sub>2</sub>, 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 may result in hazardous gases (CO<sub>x</sub>, NO<sub>x</sub>, hydrocarbons, etc.). Do not breathe fumes. At elevated temperatures, the container may be overpressured and burst. Vapors are heavier than air, accumulate in lower positions. When mixed with air, an explosive mixture may form. There is a risk of re-ignition.

**5.3. Advice for firefighters**

Isolation breathing apparatus and non-flammable intervention suit. Use non-sparking tools. 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**

Aerosol vaporizes, ensure adequate ventilation. Avoid leakage of the liquid fraction, cover with non-combustible sorbent (sand, kieselguhr, earth, vermiculite, etc.). Store the used sorbent in a sealing waste container and dispose of as hazardous waste. Wash the contaminated area with water.

**6.4. Reference to other sections**

Recommended personal protective equipment according to 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 of the work area. Avoid generation of gases and vapors in flammable or explosive concentrations and concentrations exceeding the maximum allowable concentrations (NPK-P) for working atmosphere. Avoid contact with open fire and other sources of ignition. Protect from direct sunlight. Use non-sparking tools. Take precautionary measures against static discharges. Protect eyes and skin, do not breathe aerosol, use personal protective equipment according to section 8. Observe the applicable health and safety legislation. Observe the principles of hygiene with chemicals, do not eat, drink, smoke. Wash hands with warm soapy water before breaks, eating and after work.

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

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

Storage class	2B - Aerosols
Content	600 ml
Packaging type	Aerosol canister
Material of package	FE (40), Steel (Metals)



FE  
max.50 °C

Storage temperature

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

Refer to the instruction manual.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### Czech Republic

Substance name (component)	Type	Time of exposure	Value	Note	Source
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane (CAS: 64742-49-0)	PEL	8 hours	400 mg/m <sup>3</sup>		9/2013
	NPK-P	15 minutes	1000 mg/m <sup>3</sup>		
acetone (CAS: 67-64-1)	PEL	8 hours	800 mg/m <sup>3</sup>	irritating to mucous membranes (eyes, respiratory system) and skin	9/2013
	PEL	8 hours	336,8 ppm	irritating to mucous membranes (eyes, respiratory system) and skin	
	NPK-P	15 minutes	1500 mg/m <sup>3</sup>	irritating to mucous membranes (eyes, respiratory system) and skin	

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### Czech Republic

Substance name (component)	Type	Time of exposure	Value	Note	Source
acetone (CAS: 67-64-1)	NPK-P	15 minutes	631,5 ppm	irritating to mucous membranes (eyes, respiratory system) and skin	9/2013
1-Methoxypropan-2-ol (CAS: 107-98-2)	PEL	8 hours	270 mg/m <sup>3</sup>	substance is significantly absorbed through the skin during the exposure	9/2013
	NPK-P	15 minutes	550 mg/m <sup>3</sup>	substance is significantly absorbed through the skin during the exposure	
carbon-dioxide (CAS: 124-38-9)	PEL	8 hours	9000 mg/m <sup>3</sup>		9/2013
	PEL	8 hours	5004 ppm		
	NPK-P	15 minutes	45000 mg/m <sup>3</sup>		
	NPK-P	15 minutes	25020 ppm		

### European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
acetone (CAS: 67-64-1)	OEL	8 hours	1210 mg/m <sup>3</sup>		EU limits
	OEL	8 hours	500 ppm		
carbon-dioxide (CAS: 124-38-9)	OEL	8 hours	9000 mg/m <sup>3</sup>		EU limits
	OEL	8 hours	5000 ppm		

### United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
acetone (CAS: 67-64-1)	WEL	8 hours	1210 mg/m <sup>3</sup>		GBR
	WEL	15 minutes	3620 mg/m <sup>3</sup>		
	WEL	8 hours	500 ppm		
	WEL	15 minutes	1500 ppm		
carbon-dioxide (CAS: 124-38-9)	WEL	8 hours	9150 mg/m <sup>3</sup>		GBR
	WEL	15 minutes	27400 mg/m <sup>3</sup>		
	WEL	8 hours	5000 ppm		
	WEL	15 minutes	15000 ppm		

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**DNEL**

## 1-Methoxypropan-2-ol

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	369 mg/m <sup>3</sup>	Systemic chronic effects	
Workers	Dermal	183 mg/kg/24hour	Systemic chronic effects	

## acetone

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	1210 mg/m <sup>3</sup>	Systemic chronic effects	
Workers	Inhalation	2420 mg/m <sup>3</sup>	Local acute effects	
Workers	Dermal	186 mg/kg/24hour	Systemic chronic effects	

**PNEC**

## 1-Methoxypropan-2-ol

Route of exposure	Value	Determining method
Microorganisms in wastewater treatment plants	100 mg/l	
Freshwater environment	10 mg/l	
Seawater	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	Determining method
Microorganisms in wastewater treatment plants	100 mg/l	
Freshwater environment	10.6 mg/l	
Seawater	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 extraction of the work area. If NPK-P is exceeded, use adequate respiratory protection. Avoid contact with skin and eyes, do not inhale aerosol. Observe hygiene measures for handling chemicals. Do not eat, drink or smoke while working. Wash hands with lukewarm water and soap before breaks, food, 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 the affected skin, rub off clothing, wash before using it again. Protective gloves - When selecting the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Before testing for the first time, test at a specific workplace. Due to the nature of the mixture, the exact composition of the gloves can not be determined. Replace damaged gloves.

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**Respiratory protection**

In the event of insufficient ventilation, use a filter mask (ABEK filter) against organic vapors and aerosols for short or low exposure. In case of exceeding the limit value or at high load, use an insulating respirator.

**Thermal hazard**

not available

**Environmental exposure controls**

not available

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	spray
Physical state	liquid at 20°C
color	clear
Odour	characteristic
Odour threshold	data not available
pH	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	data not available
Flash point	<21 °C (can not be used - this is an aerosol)
Evaporation rate	data not available
Flammability (solid, gas)	Flammable Class I.
Upper/lower flammability or explosive limits	
flammability limits	
bottom	0.6 %
upper	13 %
explosive limits	
bottom	0.6 %
upper	13 %
Vapour pressure	247 hPa at 20 °C
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	very slightly soluble to insoluble
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	>200 °C
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	The product does not have explosive properties but can be explosive when blended with air.
Oxidising properties	data not available

**9.2. Other information**

Density	0.71 g/cm <sup>3</sup> at 20 °C
ignition temperature	data not available
content of organic solvents (VOC)	93.7 %
solid content (dry matter)	0.0 % volume
Max. VOC content in the product in its ready to use condition	667.9 g/l
Ignition temperature: >200 ° C	

**SECTION 10: Stability and reactivity****10.1. Reactivity**

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



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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**

No dangerous reactions known. When exposed to high temperatures, there is a risk of explosion of a pressure vessel. 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 exposure to direct sunlight. 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 (CO<sub>x</sub>, NO<sub>x</sub>, hydrocarbons, etc.).

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Inhalation of the aerosol may cause headaches, fatigue, drowsiness, malaise to narcotic conditions, exceptional irritation of mucous membranes and respiratory tract. Do not inhale aerosol. Irritating to eyes (tearing, burning, itching, redness, conjunctivitis). Long-term or repeated exposure may cause skin dryness.

**Acute toxicity**

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

**1-Methoxypropan-2-ol**

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	5660 mg/kg		Rat	
Dermal	LD50	13000 mg/kg		Rat	
Inhalation	LC50	55 mg/m <sup>3</sup>	4 hour	Rat	

**acetone**

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	5800 mg/kg		Rat	
Dermal	LD50	20000 mg/kg		Rat	
Inhalation	LC50	39 mg/m <sup>3</sup>	4 hour	Rat	

**Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane**

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	>5840 mg/kg		Rat	
Dermal	LD50	>2920 mg/kg		Rabbit	
Inhalation	LC50	25.2 mg/l	4 hour	Rat	
Inhalation	LC50	193 mg/m <sup>3</sup>	4 hour	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.

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### 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

Mixture is classified as toxic for specific target organs after single exposure, category 3. Inhalation of vapors or aerosol may cause headache, drowsiness or dizziness, malaise to narcotic states.

### 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.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute toxicity

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

#### 1-Methoxypropan-2-ol

Parameter	Value	Time of exposure	Species	Environment
EC50	>1000 mg/l	48 hour		
LC50	4600-10000 mg/l	96 hour	Fishes (Leuciscus idus)	

#### acetone

Parameter	Value	Time of exposure	Species	Environment
LC50	5540 mg/l	96 hour	Fishes (Salmo gairdneri)	
LC50	8800 mg/l	48 hour	Invertebrates	

#### Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane

Parameter	Value	Time of exposure	Species	Environment
LC50	2200 mg/l	96 hour	Fishes (Pimephales promelas)	
LC50	11.4 mg/l	96 hour	Fishes	
EC50	3 mg/l	96 hour	Invertebrates (Daphnia magna)	
EC50	30-100 mg/l	72 hour	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

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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. Other adverse effects

Water hazard class 2 (self-assessment): hazardous for water. The mixture is dangerous for the environment, even if small quantities can contaminate drinking water sources. Do not get into the ground, underground or surface water or sewers. Observe the usual precautions to protect the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of as hazardous waste, dispose of it to an authorized person (disposal, for example, in a hazardous waste incinerator). Dispose of residues of the mixture and the packaging in accordance with local regulations on waste disposal. The waste producer is responsible for sorting waste and removing it. Dispose of contaminated packaging as hazardous waste according to local regulations. Uncontaminated packaging can be recycled.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, 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 dangerous solid porous matrix (for example asbestos), including empty pressure containers  
15 01 10 packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

### 14.1. UN number

UN 1950

### 14.2. UN proper shipping name

AEROSOLS

### 14.3. Transport hazard class(es)

2 Gases

### 14.4. Packing group

not available

### 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.

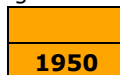
### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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.

 (Kemler Code)

UN number

5F

Classification code

2.1+hazardous for the environment

Safety signs



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**Road transport - ADR**

Limited quantities	1 L
Excepted quantities	E0
Transport category	2
Tunnel restriction code	(D)

**Air transport - ICAO/IATA**

Packaging instructions for limited amount	Y203
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**Marine transport - IMDG**

EmS (emergency plan)	F-D, S-U
Marine Pollutant	No

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No. 1907/2006 of the European 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. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals. Government Decree No. 194/2001 Coll., Laying down technical requirements for aerosol dispensers, as amended by Government Order No. 305/2006 Coll. and Government Order No. 315/2009 Coll. Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers, as amended by Commission Directive 94/1/EC, Council Regulation (EC) No 807/2003, Commission Directive 2008/47/(EC) No 219/2009, Commission Directive 2013/10/ EU, as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended (the Chemical Act). Labor Code No. 262/2006, as amended. The Act No. 258/2000 Coll., on Protection of Public Health as amended. Decree laying down the hygienic limits of chemical, physical and biological indicators for indoor living rooms of some buildings No. 6/2003 Coll. Government Regulation laying down the conditions for the protection of health at work No. 9/2013 Coll. as amended. The Act No. 201/2012 Coll., on the Protection of Atmosphere – Clean Air Act as amended. Decree No. 415/2012 Coll., on the permissible level of pollution and its determination and implementation of certain other provisions of the Air Protection Act as amended. The Act No. 185/2001 Coll., on Waste and the Amendment of Some Other Acts as amended. Act No. 477/2001 Coll., On Packaging, as amended. Water Act No. 150/2010 Coll., Amending Act No. 254/2001 Coll., On Water and on Amendments to Certain Acts (Water Act), as amended, and Act No. 200/1990 Coll., On offenses, as amended. Act No. 133/1985 Coll., As amended. Fire Prevention Regulation.

**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.

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- 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 vapor and aerosols.
- 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 not expose to temperatures exceeding 50 °C.
- P501 Dispose of contents/container according to local regulations as hazardous waste; hand over to the authorized person for disposal.

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

- EUH 066 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
- DNEL Derived no-effect level
- EC Identification code for each substance listed in EINECS
- EC50 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
- IATA International Air Transport Association
- IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
- IC50 Concentration causing 50% blockade
- ICAO International Civil Aviation Organization
- IMDG International Maritime Dangerous Goods
- INCI International Nomenclature of Cosmetic Ingredients
- ISO International Organization for Standardization
- IUPAC International Union of Pure and Applied Chemistry
- LC50 Lethal concentration of a substance in which it can be expected death of 50% of the population
- LD50 Lethal dose of a substance in which it can be expected death of 50% of the population
- LOAEC Lowest observed adverse effect concentration
- LOAEL Lowest observed adverse effect level
- log Kow Octanol-water partition coefficient
- MARPOL International Convention for the Prevention of Pollution From Ships
- NOAEC No observed adverse effect concentration
- NOAEL No observed adverse effect level
- NOEC No observed effect concentration

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NOEL	No observed effect level
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
PNEC	Predicted no-effect concentration
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
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**

According to § 103 and § 104 of Act No. 262/2006 Coll., The Labor Code, as amended.

**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**

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. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

**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 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.