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) .

SIL 100

Creation date	22nd October 2003		
Revision date	15th December 2022	Version	16

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

1.1. Product identifier — SIL 100

Substance / mixture — mixture

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

Mixture's intended use

Silicone lubricant and release agent in spray

The use descriptors

IS	Use at industrial sites
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.

Aerosol 1, H229, H222
Skin Irrit. 2, H315
STOT SE 3, H336
Aquatic Chronic 3, H412

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 and even narcotic states, especially irritation of the mucous membranes and respiratory tract. Do not inhale the aerosol. It irritates the skin (redness, itching, burning and even dermatitis). Direct contact with the eyes can cause mild eye irritation (watering, burning, itching and conjunctivitis). Frequent or long-term contact with the skin can cause drying or cracking of the skin or even dermatitis. I will follow the instructions in the user manual. The mixture is classified as harmful to the environment. Follow the instructions for use to avoid risks to people and the environment. Liquid e is lighter than water and can cover the water surface. Avoid release to soil, ground or surface water or sewers. The full wording of the classification and H phrases is given in Sect. 16 of this safety data sheet.

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.
H336	May cause drowsiness or dizziness.
H412	Harmful 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.
P302+P352	IF ON SKIN: Wash with plenty of water.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to in accordance with local regulations.

2.3. Other hazards

Neither the mixture nor its components meet the criteria for persistent, bioaccumulative and toxic or highly persistent and highly bioaccumulative substances in accordance with Annex XIII, nor have they been included in the list drawn up in accordance with Article 59, paragraph 1, due to the content of endocrine disruptors , nor has it been determined as a substance with 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: 931-254-9 Registration number: 01-2119484651-34-XXXX	C6 hydrocarbons, isoalkanes, <5% n-hexane	5-25	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 %	2
Index: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2	isobutane	5-10	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	
Index: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9	propane	1-3	Flam. Gas 1, H220 Press. Gas (compressed gas), H280	1

Notes

1 Note U (Table 3): When put on the market gases have to be classified as "Gases under pressure", in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:

Press. Gas (Comp.)
Press. Gas (Liq.)
Press. Gas (Ref. Liq.)
Press. Gas (Diss.)

Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

2 A substance for which exposure limits are set.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of health problems or in case of doubt, consult a physician and provide him with the information in this safety data sheet. In case of life-threatening conditions, perform resuscitation. Keep unconscious person in a stabilized position and do not give anything by mouth. Avoid cooling. Do not induce vomiting. In case of spontaneous vomiting, avoid inhalation of vomitus. If burns occur, cool the burn with cold water and cover with a clean cloth.

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

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.

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

If on skin

It irritates the skin (redness, itching, burning and even dermatitis). Frequent or long-term contact with the skin can cause drying or cracking of the skin or even dermatitis.

If in eyes

Direct eye contact may slightly irritate the eyes (tearing, burning, or inflammation of conjunctivae).

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 or thermal decomposition can produce toxic gases (COx, hydrocarbons, dense smoke, etc.). Do not breathe decomposition products. There is a risk of explosion of the pressure vessel at elevated temperatures. Vapors mixed with air may form an explosive mixture.

5.3. Advice for firefighters

Isolation breathing apparatus and non-flammable intervention suit. Use non-sparking tools. Cool containers exposed to fire with water spray or foam. Burning residues and post-intervention water 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

Break the leak. Aerosol vaporizes, ensure adequate ventilation. In case of leakage of the liquid fraction, cover the non-combustible sorbent (sand, diatomaceous earth, soil, universal sorbent, etc.), place the used sorbent in a sealing waste container, mark it 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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the work area. Avoid contact with open fire and other ignition sources. Protect from direct sunlight. Use non-sparking tools. Take precautionary measures against static discharges. Avoid the formation of gases and vapors in flammable or explosive concentrations and concentrations in excess of the maximum allowable concentrations (NPK-P) for the working atmosphere. Observe the applicable safety and health legislation. Follow chemical hygiene practices, do not eat, drink, or smoke while working. Wash your hands with soap and warm water before taking a break, 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. Observe general regulations on the storage of pressure containers.

Content	Packaging type	Material of package
400 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 does not contain any constituents of national exposure limits specified in Annex 2, Government Decree 361/2007 Coll., As amended or European Union for Work Environment.

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

Substance name (component)	Type	Value	Note
C6 hydrocarbons, isoalkanes, <5% n-hexane	PEL	1000 mg/m³	irritating to mucous membranes (eyes, respiratory system) and skin
	NPK-P	2000 mg/m³	
	PEL	70 mg/m³	substance is significantly absorbed through the skin during the exposure, irritating to mucous membranes (eyes, respiratory system) and skin
	NPK-P	200 mg/m³	

DNEL

C6 hydrocarbons, isoalkanes, <5% n-hexane					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	5306 mg/m³	Chronic effects systemic		
Workers	Dermal	13964 mg/kg/24h	Chronic effects systemic		

8.2. Exposure controls

Ensure adequate ventilation or exhaustion of the work area. In case of exceeding the WEL, use suitable respiratory protection. Avoid contact with skin and eyes, do not breathe fumes. Follow hygienic precautions for handling chemicals. Do not eat, drink or smoke while working. Wash your hands with lukewarm water and soap before taking a break, eating and after work. Personal protective equipment should be adapted to the type of work.

Eye/face protection

Protective goggles.

Skin protection

Protective work clothing; Remove clothes from splashed clothing, wash before using again. Protective gloves (eg nitrile 0.1 mm material, penetration time 480 min.) - When choosing, take note of the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Tested in a specific workplace before first use. Replace damaged gloves.

Respiratory protection

Not necessary. In case of increased risk of inhalation and insufficient ventilation, use a mask with a filter against organic vapors and aerosols, type A1/P1. In the event of an accident or long-term exposure, use a self-contained breathing apparatus.

Thermal hazard

Avoid exposure to temperatures above 50 °C. There is a risk of the aerosol container rupturing when exposed to elevated temperatures or overheating.

Environmental exposure controls

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

More information

Ensure compliance with governmental regulation 361/2007 Coll., Laying down the conditions for the protection of health at work, as amended, and to fulfill the obligations contained therein.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless
Odour	Raw materials
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	-40--10 °C
Flammability	Flammable Class I.
Lower and upper explosion limit	
bottom	1.1 %
upper	13 %
Flash point	data not available
Auto-ignition temperature	>230 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	<0.7 MPa at 20 °C
Density and/or relative density	
Density	data not available
Relative density	0.6 g/cm³ at 20 ° C (mixture including propellant)
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

Appearance	aerosol
Content of organic solvents (VOC)	80

Evaporation rate: 3 (EtEt=1 DIN 53170)
Solvent vapors can form an explosive mixture when mixed with air.
Oxidizing properties: meat 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. The mixture is extremely flammable.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No dangerous reactions are known. There is a risk of the pressure vessel exploding when exposed to high temperatures. Solvent vapors can form an explosive mixture when mixed 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. Pressurised container: May burst if heated.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Under normal conditions, the mixture does not decompose. Thermal decomposition at high temperatures or incomplete combustion can release hazardous decomposition products (COx, NOx, hydrocarbons, aldehydes, smoke, soot).

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 Regulation E No. 1272/2008. may be classified as dangerous in the sense of Regulation E No. 1272/2008, as amended by later regulations.

Acute toxicity

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

C6 hydrocarbons, isoalkanes, <5% n-hexane					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	>16750 mg/kg		Rat	
Dermal	LD_{50}	>3350 mg/kg		Rabbit	
Inhalation	LC_{50}	259354 mg/m³	4 hours	Rat	

Skin corrosion/irritation

The mixture is classified as a skin irritant, category 2. It irritates the skin.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

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 single exposure, category 3. Inhalation of vapors or aerosol can cause headache, drowsiness or dizziness, malaise, even narcotic states.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on the available data, the criteria for classification are not met. Entry of the liquid fraction into the respiratory system during ingestion or aspiration of vomit during subsequent vomiting can cause bronchopneumonia or pulmonary edema.

11.2. Information on other hazards

Does not contain substances causing disruption of the endocrine system. Inhalation of the aerosol can cause headaches, fatigue, drowsiness, malaise and even narcotic states, especially irritation of the mucous membranes and respiratory tract. Do not inhale the aerosol. It irritates the skin (redness, itching, burning and even dermatitis). Direct contact with the eyes can cause mild eye irritation (watering, burning, itching and conjunctivitis). Frequent or long-term contact with the skin can cause drying or cracking of the skin or even dermatitis.

SECTION 12: Ecological information

12.1. Toxicity

The ecotoxic effects of the mixture were not assessed. Do not allow liquid to enter drains or surface water.

Acute toxicity

C6 hydrocarbons, isoalkanes, <5% n-hexane				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	18.3 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
EC_{50}	31.9 mg/l	48 hours	Invertebrates (Daphnia magna)	
EC_{50}	13.6 mg/l	72 hours	Algae (Pseudokirchneriella subcapitata)	
NOELR	4.09 mg/l	28 days	Fish (Oncorhynchus mykiss)	
NOELR	7.14 mg/l	21 days	Invertebrates (Daphnia magna)	
NOELR	13.6 mg/l	72 hours	Algae (Pseudokirchneriella subcapitata)	

12.2. Persistence and degradability

The mixture is biodegradable (91%/28 days).

12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

12.4. Mobility in soil

It's not mobile. The mixture evaporates easily.

12.5. Results of PBT and vPvB assessment

The mixture and its components are not classified as PBT or vPvB, nor are they listed on the candidate list for Annex XIV of REACH at the date of preparation of the safety data sheet.

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 classified as dangerous for the environment, even a small amount can contaminate drinking water sources. It must not get into the soil, underground or surface water or sewage system. Take 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

07 01 04* other organic solvents, washing liquids and mother liquors

14 06 03* other solvents and solvent mixtures

Packaging waste type code

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

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

(*) - 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

Yes.

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

Tunnel restriction code	(D)

Air transport - ICAO/IATA

Packaging instructions passenger	203
Cargo packaging instructions	203

Marine transport - IMDG

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

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

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly 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.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful 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.
P302+P352	IF ON SKIN: Wash with plenty of water.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to in accordance with local regulations.

Other important information about human health protection

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

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
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
NOEL	No observed effect level
NOELR	No Observed Effect Loading Rate
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
ppm	Parts per million
Press. Gas (Comp.)	Gas under pressure: compressed gas
Press. Gas (Diss.)	Gas under pressure: dissolved gas
Press. Gas (Liq.)	Gas under pressure: liquefied gas
Press. Gas (Ref. Liq.)	Gas under pressure: refrigerated liquefied gas
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
Flam. Gas	Flammable gas
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.

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

Based on the classification rules, some components of the mixture are classified with the sentence "H304 - May cause death if swallowed and enters the respiratory tract" based on inhalation hazard. may be placed on the market in an aerosol sprayer, the above-mentioned effects are unlikely and the mixture does not need to be labeled as GHS08 with the phrase H304 according to point 1.3.3. and 3.10.1.6.3 Annexes I of Regulation of the EP and Council (E) No. 1272/2008).

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.