

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) .

UNISPRAY

| | | | |
|---------------|-------------------|---------|----|
| Creation date | 22nd October 2003 | Version | 20 |
| Revision date | 11th April 2024 | | |

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

- 1.1. Product identifier** UNISPRAY
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Protective agent.
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

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

Frequent or prolonged skin contact causes dryness or cracking of the skin to dermatitis. Direct eye contact may cause slight short-term eye irritation. Follow the instructions in the operating instructions. Avoid inhalation of aerosol, contact with eyes and skin contact. The mixture is not classified as dangerous for the environment. Do not allow to enter soil, ground or surface water or drains. Dispose of the empty container with the remnants of the mixture as hazardous waste. The full text of the classifications and H-phrases is displayed in section 16. 16 of this safety data sheet.

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2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

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.
P260 Do not breathe spray.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

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: 918-481-9 Registration number: 01-2119457273-39-XXXX | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics | 25-50 | Asp. Tox. 1, H304 EUH066 | 4 |
| Index: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9 | propane | 12,5-20 | Press. Gas, Flam. Gas 1, H220 | |
| Index: 649-468-00-3 CAS: 64742-55-8 EC: 265-158-7 | Distillates (petroleum), hydrotreated light paraffinic | 12,5-20 | Asp. Tox. 1, H304 Carc. 1B, H350 EUH066 Specific concentration limit: Asp. Tox. 1, H304: C ≥ 10 % | 3, 5 |
| Index: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7 | butane | 10-12,5 | Press. Gas, Flam. Gas 1, H220 | |

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| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|--|----------------|---------------------|--|------|
| Index: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2 | isobutane | 5-10 | Press. Gas, Flam. Gas 1, H220 | 1, 2 |

Notes

- Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- 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).
- Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.
- A substance for which exposure limits are set.
- The use of the substance is restricted by Annex XVII of REACH Regulation

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

SECTION 4: First aid measures

4.1. Description of first aid measures

In 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

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.

If swallowed

In the case of an aerosol product, ingestion is very unlikely. Do not induce vomiting, rinse your mouth with water (only if the affected person is conscious). Seek medical advice and submit this Safety Data Sheet.

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

If inhaled

Inhalation of the sprayed mixture or mist can cause severe irritation of the respiratory tract, coughing, burning of the respiratory system.

If on skin

Long-term or repeated exposure may cause skin dryness to dermatitis.

If in eyes

When intruding eyes, it can evoke irritation.

If swallowed

Ingestion may lead to irritation, nausea, abdominal pain.

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

In the case of the usual use of the mixture and following the instructions in the instructions for use, immediate medical assistance is not required. Special treatment is required if symptoms of a certain degree occur, according to the data in sections 4.1 and 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 (CO_x, hydrocarbons, etc.). Do not breathe decomposition products. At elevated temperatures, the aerosol can may be pressurized and torn.

5.3. Advice for firefighters

Self-contained breathing apparatus and non-combustible emergency suit. Use non-sparking tools. Cool containers exposed to fire with water spray or 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, secure leak area. Ensure adequate ventilation, do not inhale aerosol. Eliminate possible sources of ignition, do not smoke, do not handle open flame, do not expose to direct sunlight. Use non-sparking tools, avoid electrostatic charge. Prevent contact with skin and eyes.

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

Stop leak. In case of a large liquid leak, drain the mixture. Aerosol evaporates, ensure adequate ventilation. In case of minor leakage of liquid fraction, cover with non-flammable sorbent (sand, diatomaceous earth, earth, universal sorbent, etc.), place used sorbent in a closable waste container, label and dispose of as hazardous waste. Wash contaminated area with water.

6.4. Reference to other sections

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

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation 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)

It is not.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Czech Republic

Government Regulation 330/2023 Coll.

| Substance name (component) | Type | Value |
|---|-------|------------------------|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics | PEL | 400 mg/m ³ |
| | NPK-P | 1000 mg/m ³ |

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

Not needed. Wear safety glasses if there is a risk of eye contact.

Skin protection

Protective work clothing made of non-combustible material. Wash affected skin, take off contaminated clothing, wash before reuse. Protective gloves (material eg: nitrile 0.4 mm, penetration time> 480 min.) - 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. Replace damaged gloves.

Respiratory protection

Mask with filter against organic vapors and aerosols, type A. In case of intensive or long-term load, resp. In the event of an accident, wear self-contained breathing apparatus.

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.

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.

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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 | data not available |
| Boiling point or initial boiling point and boiling range | data not available |
| Flammability | Flammable Class I. |
| Lower and upper explosion limit | |
| bottom | 0.6 % |
| upper | 10.9 % |
| Flash point | data not available |
| Auto-ignition temperature | 365 °C |
| Decomposition temperature | data not available |
| pH | data not available |
| Kinematic viscosity | data not available |
| Solubility in water | very slightly soluble to insoluble |
| Solubility in fats | Not Specified |
| Partition coefficient n-octanol/water (log value) | data not available |
| Vapour pressure | 3500 hPa at 20 °C |
| Density and/or relative density | |
| Density | data not available |
| Relative density | 0.7 g/cm ³ at 20 °C |
| Relative vapour density | data not available |
| Particle characteristics | data not available |

9.2. Other information

| | |
|---|-----------|
| Content of organic solvents (VOC) | 85% |
| Max. VOC content in the product in its ready to use condition | 588.2 g/l |
| Content of non-volatile components: 0% | |

Explosive properties: Even if the product does not present a risk of explosion, there is still a risk of explosion in a vapor-air mixture.

Oxidizing properties: 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

When exposed to high temperatures, there is a risk of explosion of a pressure vessel. Danger of violent reaction in contact with strong acid or oxidizing agents.

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_x, NO_x, hydrocarbons, etc.).

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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. Toxicological effects of the own mixture have not been assessed, toxicological data are not available.

Acute toxicity

Based on available data the classification criteria are not met.

| butane | | | | | |
|-------------------|------------------|----------|---------------|-------------------------|-----|
| Route of exposure | Parameter | Value | Exposure time | Species | Sex |
| Inhalation | LC ₅₀ | 658 mg/l | 4 hours | Rat (Rattus norvegicus) | |

| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics | | | | | |
|---|------------------|-------------------------|---------------|---------|-----|
| Route of exposure | Parameter | Value | Exposure time | Species | Sex |
| Oral | LD ₅₀ | >5000 mg/kg | | Rat | |
| Inhalation | LC ₅₀ | >4951 mg/m ³ | 4 hours | Rat | |
| Dermal | LD ₅₀ | >3000 mg/kg | | Rabbit | |

| propane | | | | | |
|-------------------|------------------|----------|---------------|-------------------------|-----|
| Route of exposure | Parameter | Value | Exposure time | Species | Sex |
| Inhalation | LC ₅₀ | 658 mg/l | 4 hours | Rat (Rattus norvegicus) | |

Skin corrosion/irritation

Based on available data the classification criteria are not met.

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

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

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11.2. Information on other hazards

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

SECTION 12: Ecological information

12.1. Toxicity

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

Acute toxicity

| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics | | | | |
|---|-----------|---------------|---|-------------|
| Parameter | Value | Exposure time | Species | Environment |
| LC ₅₀ | 1000 mg/l | 96 hours | Fish (Pimephales promelas) | |
| LC ₅₀ | 1000 mg/l | 48 hours | Invertebrates (Crangon crangon) | |
| EC ₅₀ | 1000 mg/l | 72 hours | Algae (Pseudokirchneriella subcapitata) | |

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

12.4. Mobility in soil

It's not mobile.

12.5. Results of PBT and vPvB assessment

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

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

It can form a film on the water surface and prevent the passage of oxygen into the water. Do not allow to enter soil, ground or surface water or drains. Observe the usual environmental precautions.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of as hazardous waste. Dispose of at an authorized person or to a hazardous waste collection yard. Dispose of mixture and packaging residues in accordance with local waste disposal regulations.

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

20 01 13* Solvents

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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

| | |
|---------------------------|---|
| Hazard identification No. |  |
| UN number | 5F |
| Classification code | 2.1 |
| Safety signs |  |

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 |
| MFAG | 620 |

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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.

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

Distillates (petroleum), hydrotreated light paraffinic

| Restriction | Conditions of restriction |
|-------------|---|
| 28 | <p>Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30:</p> <ol style="list-style-type: none"> 1. Shall not be placed on the market, or used, <ul style="list-style-type: none"> – as substances, – as constituents of other substances, or, – in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than: <ul style="list-style-type: none"> – either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or, – the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008. <p>Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:</p> <p>“Restricted to professional users”.</p> <ol style="list-style-type: none"> 2. By way of derogation, paragraph 1 shall not apply to: <ol style="list-style-type: none"> (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; (b) cosmetic products as defined by Directive 76/768/EEC; (c) the following fuels and oil products: <ul style="list-style-type: none"> – motor fuels which are covered by Directive 98/70/EC, – mineral oil products intended for use as fuel in mobile or fixed combustion plants, – fuels sold in closed systems (e.g. liquid gas bottles); (d) artists’ paints covered by Regulation (EC) No 1272/2008; (e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date. (f) devices covered by Regulation (EU) 2017/745. |

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. |
|------|--------------------------|

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H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

H304 May be fatal if swallowed and enters airways.
H350 May cause cancer.

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.
P260 Do not breathe spray.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

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 |
| Press. Gas (Comp.) | Gas under pressure: compressed gas |
| Press. Gas (Diss.) | Gas under pressure: dissolved gas |
| Press. Gas (Liq.) | Gas under pressure: liquefied gas |

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) .

UNISPRAY

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|---------------|-------------------|---------|----|
| Creation date | 22nd October 2003 | Version | 20 |
| Revision date | 11th April 2024 | | |

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|------------------------|---|
| 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 |
| Asp. Tox. | Aspiration hazard |
| Carc. | Carcinogenicity |
| Flam. Gas | Flammable gas |
| Press. Gas | Gases under pressure |

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. Modification of composition according to BL manufacturer, addition of registration numbers and related data.

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.