

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) .

SOLMAX

| | | | |
|---------------|--------------------|---------|---|
| Creation date | 25th January 2013 | Version | 5 |
| Revision date | 28th November 2022 | | |

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

1.1. Product identifier

SOLMAX

Substance / mixture

mixture

Other mixture names

Cleaning spray

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

Mixture's intended use

Cleaning 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 National poisoning information centre Scotland, NHS 24: 111

112 National Health Service (NHS) 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Aerosol 1, H229, H222

Skin Irrit. 2, H315

Eye Irrit. 2, H319

STOT SE 3, H336

Aquatic Chronic 2, H411

Most serious adverse physico-chemical effects

The mixture is extremely flammable. 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 aerosol can cause headache, tiredness, drowsiness, drowsiness and narcotic conditions, exceptionally irritation of mucous membranes and airways. Do not breathe aerosol. Irritating to skin (redness, itching, burning or dermatitis). Irritating to eyes (tearing, burning, itching or conjunctivitis). Frequent or prolonged contact with the skin causes drying or cracking of the skin or dermatitis. Ingestion of the liquid fraction can cause abdominal pain and nausea. Follow the instructions in the user manual. The mixture is classified as dangerous for the environment. Follow the instructions for use to avoid risks to humans and the environment. The liquid is lighter than water and can cover the water surface. Do not allow to enter soil, ground or surface water or drains. The full text of the classification and H statements is given in section 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. |
| 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 mist/vapours/spray. |
| P273 | Avoid release to the environment. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C. |
| 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 |
|---|--|---------------------|--|------|
| CAS: 64742-49-0 EC: 927-510-4 Registration number: 01-2119475515-33-XXXX | Hydrocarbons C7, n-alkanes, isoalkanes, cycloalkanes | 50-75 | Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411 Specific concentration limit: Skin Irrit. 2, H315: C ≥ 10 % STOT SE 3, H336: C ≥ 20 % Aquatic Chronic 2, H411: C ≥ 25 % | 1 |

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| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|--|----------------|---------------------|---|------|
| Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25 | propan-2-ol | 25-50 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 % STOT SE 3, H336: C ≥ 20 % | 1 |
| CAS: 124-38-9 EC: 204-696-9 | carbon-dioxide | 2,5-5 | Press. Gas (compressed gas), H280 | 1 |

Notes

1 A substance for which exposure limits are set.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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.

If inhaled

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

If on skin

Remove clothing if contaminated clothing. Wash the affected area thoroughly with lukewarm water. Seek medical attention if irritation symptoms occur.

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. Immediately seek medical advice and present this Safety Data Sheet. Risk of inhalation of vomit.

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

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

If in eyes

The mixture irritates the eyes (redness, tearing, burning, 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.

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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 may result in hazardous gases (CO_x, NO_x, 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. Cool containers near fire with water spray or cover with foam. Combustion residues and water after intervention should be disposed of as hazardous waste.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

For recommended personal protective equipment, see 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 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.

| Content | Packaging type | Material of package |
|---------|----------------|---------------------|
| 750 ml | aerosol can | FE |

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

7.3. Specific end use(s)

It is not.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Czech Republic

Government Regulation 330/2023 Coll.

| Substance name (component) | Type | Value | Note |
|--|-------|-------------------------|--|
| Gasolines (technical mixture of hydrocarbons) (CAS: 64742-49-0) | PEL | 400 mg/m ³ | |
| | NPK-P | 1000 mg/m ³ | |
| propan-2-ol (CAS: 67-63-0) | PEL | 500 mg/m ³ | irritating to mucous membranes (eyes, respiratory system) and skin |
| | PEL | 200 ppm | |
| | NPK-P | 1000 mg/m ³ | |
| | NPK-P | 400 ppm | |
| carbon-dioxide (CAS: 124-38-9) | PEL | 9000 mg/m ³ | |
| | PEL | 4921 ppm | |
| | NPK-P | 45000 mg/m ³ | |
| | NPK-P | 24603 ppm | |

European Union

Commission Directive 2006/15/EC

| Substance name (component) | Type | Value | Note |
|--------------------------------|-------------|------------------------|------|
| carbon-dioxide (CAS: 124-38-9) | OEL 8 hours | 9000 mg/m ³ | |
| | OEL 8 hours | 5000 ppm | |

United Kingdom

EH40/2005 Workplace exposure limits (Fourth Edition 2020)

| Substance name (component) | Type | Value | Note |
|--------------------------------|-----------|-------------------------|------|
| propan-2-ol (CAS: 67-63-0) | WEL 8h | 999 mg/m ³ | |
| | WEL 8h | 400 ppm | |
| | WEL 15min | 1250 mg/m ³ | |
| | WEL 15min | 500 ppm | |
| carbon-dioxide (CAS: 124-38-9) | WEL 8h | 9150 mg/m ³ | |
| | WEL 8h | 5000 ppm | |
| | WEL 15min | 27400 mg/m ³ | |
| | WEL 15min | 15000 ppm | |

DNEL

| Hydrocarbons C7, n-alkanes, isoalkanes, cycloalkanes | | | | | |
|--|-------------------|------------------------|--------------------------|---------------------|--------|
| Workers / consumers | Route of exposure | Value | Effect | Value determination | Source |
| Workers | Inhalation | 2035 mg/m ³ | Chronic effects systemic | | |
| Workers | Dermal | 773 mg/kg/24h | Chronic effects systemic | | |

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| propan-2-ol | | | | | |
|---------------------|-------------------|-----------------------|--------------------------|---------------------|--------|
| Workers / consumers | Route of exposure | Value | Effect | Value determination | Source |
| Workers | Inhalation | 500 mg/m ³ | Chronic effects systemic | | |
| Workers | Dermal | 888 mg/kg/24h | Chronic effects systemic | | |

PNEC

| propan-2-ol | | | |
|------------------------------------|------------|---------------------|--------|
| Route of exposure | Value | Value determination | Source |
| Microorganisms in sewage treatment | 2251 mg/l | | |
| Freshwater environment | 140.9 mg/l | | |
| Marine water | 140.9 mg/l | | |
| Soil (agricultural) | 28 mg/kg | | |
| Freshwater sediment | 552 mg/kg | | |
| Sea sediments | 552 mg/kg | | |

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

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.

Respiratory protection

If the limit values are exceeded, in the case of an increased risk of inhalation and inadequate ventilation, use a mask with an organic vapor / aerosol filter type A. In case of accident or prolonged exposure, use an insulating respirator.

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | liquid |
| Colour | According to individual specifications |
| 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 | |

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| | |
|---|--|
| bottom | 0.9 % |
| upper | 12 % |
| Flash point | -19 °C (Not applicable - this is an aerosol) |
| Auto-ignition temperature | >230 °C |
| Decomposition temperature | data not available |
| pH | data not available |
| Kinematic viscosity | data not available |
| Solubility in water | Slightly soluble to insoluble |
| Solubility organic solvents | common organic solvents |
| Partition coefficient n-octanol/water (log value) | data not available |
| Vapour pressure | 160 hPa at 20 °C |
| Density and/or relative density | |
| Density | data not available |
| Relative density | 0.720 g / cm ³ at 20 °C |
| Relative vapour density | data not available |
| Particle characteristics | data not available |

9.2. Other information

| | |
|-------------------------------------|--|
| Appearance | spray |
| Explosive properties | not available |
| Content of organic solvents (VOC) | 690 g/l (=95.6%) |
| Solid content (dry matter) | 0.0 % volume |
| Content of non-volatile components: | 0.0% |
| Explosive properties: | Not explosive. Solvent vapors can form an explosive mixture when mixed with air. |
| Oxidizing properties: | The mixture is not classified as oxidizing. |

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No dangerous reactions known. 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 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.).

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. Inhalation may result in mild irritation of the mucous membranes and respiratory tract. Vapor inhalation causes headaches, dizziness, malaise, fatigue and general weakness. The mixture irritates the eyes (redness, tearing, burning, inflammation of conjunctivae). Frequent or prolonged skin contact may cause dryness, cracking of the skin to dermatitis. Ingestion of the liquid fraction may cause abdominal pain and nausea.

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Acute toxicity

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

Hydrocarbons C7, n-alkanes, isoalkanes, cycloalkanes

| Route of exposure | Parameter | Value | Exposure time | Species | Sex |
|-------------------|------------------|-----------------------|---------------|---------|-----|
| Oral | LD ₅₀ | >5840 mg/kg | | Rat | |
| Dermal | LD ₅₀ | >2920 mg/kg | | Rabbit | |
| Inhalation | LC ₅₀ | 25.2 mg/l | 4 hours | Rat | |
| Inhalation | LC ₅₀ | 193 mg/m ³ | 4 hours | Rat | |

propan-2-ol

| Route of exposure | Parameter | Value | Exposure time | Species | Sex |
|-------------------|------------------|-------------|---------------|---------|-----|
| Oral | LD ₅₀ | 5045 mg/kg | | Rat | |
| Inhalation | LC ₅₀ | 72.6 mg/l | 4 hours | Rat | |
| Dermal | LD ₅₀ | 12800 mg/kg | | Rat | |

Skin corrosion/irritation

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

Serious eye damage/irritation

Mixture is classified as eye irritant, category 2.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

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.

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.

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SECTION 12: Ecological information

12.1. Toxicity

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

Acute toxicity

| Hydrocarbons C7, n-alkanes, isoalkanes, cycloalkanes | | | | |
|--|-------------|---------------|-------------------------------|-------------|
| Parameter | Value | Exposure time | Species | Environment |
| LC ₅₀ | 2200 mg/l | 96 hours | Fish (Pimephales promelas) | |
| EC ₅₀ | 4.3 mg/l | 96 hours | Invertebrates (Daphnia magna) | |
| LC ₅₀ | 93-117 mg/l | 96 hours | Fish | |
| EC ₅₀ | 30-100 mg/l | 72 hours | Algae | |

| propan-2-ol | | | | |
|------------------|----------------|---------------|---------------------------------|-------------|
| Parameter | Value | Exposure time | Species | Environment |
| EC ₅₀ | >10 g/l | 48 hours | Invertebrates (Daphnia magna) | |
| LC ₅₀ | 8970-9280 mg/l | 48 hours | Fish (Leuciscus idus) | |
| LC ₅₀ | 4200 mg/l | 96 hours | Fish | |
| LC ₅₀ | 903 mg/l | 96 hours | Invertebrates (Crangon crangon) | |

More information

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

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

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

12.6. Endocrine disrupting properties

Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.

12.7. Other adverse effects

Water hazard class: 2 (Self-classification): Harmful to water. The mixture is 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. Observe the usual environmental protection measures.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal of the mixture: Dispose of as hazardous waste, dispose of it to the authorized person or to the hazardous waste collection yard. Dispose of residues of the mixture and the packaging in accordance with local waste disposal regulations. Suitable methods for disposal of contaminated packaging: Dispose of 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.

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Waste type code

- 14 06 03* other solvents and solvent mixtures
- 20 01 13* Solvents

Packaging waste type code

- 15 01 11* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
 - 15 01 10* packaging containing residues of or contaminated by hazardous substances
- (*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not relevant

14.5. Environmental hazards

No.

14.6. Special precautions for user

Transport in packages that match the properties of the mixture. Observe the prescribed marking for cargo.

14.7. Maritime transport in bulk according to IMO instruments

Can not be used.

Additional information

Hazard identification No.



UN number

5F

Classification code

2.1+dangerous for the environment

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

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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 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.

Additional information in accordance with Regulation (EC) no. 648/2004 on detergents, as amended

>=30 % aliphatic hydrocarbons

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

Guidelines for safe handling used in the safety data sheet

| | |
|----------------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P261 | Avoid breathing mist/vapours/spray. |
| P273 | Avoid release to the environment. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C. |
| 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 |

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) .

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| | |
|------------------|---|
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |
| EC | Identification code for each substance listed in EINECS |
| EC ₅₀ | Concentration of a substance when it is affected 50% of the population |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| EmS | Emergency plan |
| EU | European Union |
| EuPCS | European Product Categorisation System |
| IATA | International Air Transport Association |
| IBC | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| INCI | International Nomenclature of Cosmetic Ingredients |
| ISO | International Organization for Standardization |
| IUPAC | International Union of Pure and Applied Chemistry |
| LC ₅₀ | Lethal concentration of a substance in which it can be expected death of 50% of the population |
| LD ₅₀ | Lethal dose of a substance in which it can be expected death of 50% of the population |
| log Kow | Octanol-water partition coefficient |
| NPK | Maximum admissible concentration |
| OEL | Occupational Exposure Limits |
| PBT | Persistent, Bioaccumulative and Toxic |
| PEL | Permissible Exposure Limit |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Agreement on the transport of dangerous goods by rail |
| UN | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB | Substances of unknown or variable composition, complex reaction products or biological materials |
| VOC | Volatile organic compounds |
| vPvB | Very Persistent and very Bioaccumulative |
| Aerosol | Aerosol |
| Aquatic Chronic | Hazardous to the aquatic environment (chronic) |
| Asp. Tox. | Aspiration hazard |
| Eye Irrit. | Eye irritation |
| Flam. Liq. | Flammable liquid |
| Press. Gas | Gases under pressure |
| Skin Irrit. | Skin irritation |
| STOT SE | Specific target organ toxicity - single exposure |

Training guidelines

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



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) .

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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.
Addition of registration numbers and related data, adjustment of composition.

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.

