

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) .

PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

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

- 1.1. Product identifier** PL 3
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Ecological cleaner
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.

Flam. Liq. 2, H225
Eye Irrit. 2, H319

Most serious adverse physico-chemical effects

Highly flammable mixture. Keep away from heat sources, avoid contact with open flames, heat sources, sparks and static electricity build-up. Use non-sparking tools. Do not expose to direct sunlight. Don't smoke. Thermal decomposition releases dangerous fumes. The mixture is volatile.

Most serious adverse effects on human health and the environment

The mixture irritates the eyes (redness, burning in the eyes, lacrimation, conjunctivitis). Long-term inhalation exposure may lead to headaches or nausea. Prolonged or repeated exposure may cause skin dryness. Ingestion may cause abdominal pain, indigestion and nausea. Vomiting and diarrhea may occur. Avoid contact with eyes and skin. Ensure against confusion with drinks. The mixture is not classified as harmful to the aquatic environment. Follow the instructions for use to avoid risks to people and the environment. The mixture must not get into the soil, underground or surface water or sewage system. Dispose of the empty packaging as hazardous waste. The full wording of the classification and H phrases is given in Sect. 16 of this safety data sheet.

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PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 Keep container tightly closed.
 P243 Take action to prevent static discharges.
 P280 Wear protective gloves/protective clothing/eye protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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 |
|---|------------------|---------------------|---|------|
| Index: 605-017-00-2 CAS: 646-06-0 EC: 211-463-5 | 1,3-dioxolane | >90 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 10 % | |
| CAS: 109-87-5 EC: 203-714-2 | dimethoxymethane | <1 | Flam. Liq. 2, H225 | |

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.

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PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

If inhaled

If inhalation occurs, leave the area, rinse the oral cavity with water, breathe fresh air. Seek medical attention if breathing difficulties occur.

If on skin

If clothing becomes contaminated, remove clothing. Wash affected skin with lukewarm water and soap. Treat with a regenerating cream.

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

Do not induce vomiting. In case of spontaneous vomiting, prevent inhalation of vomitus. Rinse the mouth with water, drink a glass of water (only if the victim is conscious). Seek medical attention immediately and present this safety data sheet.

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

If inhaled

Long-term inhalation exposure may lead to headaches or nausea.

If on skin

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

If in eyes

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

If swallowed

Ingestion may cause abdominal pain, indigestion and nausea. Vomiting and diarrhea may occur.

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

With normal use of the mixture, immediate medical attention is not necessary. Always seek medical help in case of ingestion and eye contact; is symptomatic.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Multipurpose powders, CO₂, water mist, shattered water stream.

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

Highly flammable mixture. Incomplete combustion can produce toxic gases (CO_x, hydrocarbons, aldehydes, etc.). Do not inhale decomposition products. At elevated temperatures, vapors may develop in the packaging and it may tear. The vapors of the mixture are flammable and heavier than air, they accumulate in lower positions, they can spread over considerable distances. Vapors mixed with air may form an explosive mixture. There is a risk of re-ignition.

5.3. Advice for firefighters

Self-contained breathing apparatus and non-flammable emergency suit. Use non-sparking tools. Remove mixture tanks out of reach of fire if you can do so without risk. Cool containers near fire with water spray or cover with foam. Combustion residues and water after intervention should be disposed of as hazardous waste.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Prevent unauthorized persons from entering, label, secure and isolate leakage area. Ensure adequate ventilation, do not breathe spray mixture or vapors. Remove possible sources of ignition, do not smoke. Avoid contact with skin and eyes - use personal protective equipment.

6.2. Environmental precautions

Stop the leak, prevent the spread of the mixture. Secure the area of the leak, prevent leakage into the sewer, soil, surface and underground water by fencing off the location of the leak, covering sewer inlets, etc. In case of a large leak, monitor NPK concentrations or TLV and inform the appropriate state authorities and stream or sewer manager.

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) .

PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

6.3. Methods and material for containment and cleaning up

Provide adequate ventilation, stop leakage. In case of a larger leak, pump out the mixture. In the event of a minor leak, cover with a suitable non-flammable sorbent (sand, diatomaceous earth, earth, vapex, universal sorbent, etc.). Store the used sorbent in a closable waste container, label and dispose of it as hazardous waste. Wash contaminated surfaces. If the package is damaged, transfer it to a replacement package and label it properly again.

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 sufficient ventilation of the work area. Avoid contact with open flames and other inflammables resources. Protect eyes and skin, do not inhale the sprayed mixture or vapors, use personal protective equipment aids according to Sect. 8. Do not spray the mixture under high pressure (> 3 bar). Avoid confusion with drinks. Work in a cool, ventilated room, away from heat and ignition sources. Don't smoke. Use it non-explosive electrical equipment. Take precautions against static discharge. Do not use compressed air for filling, emptying or handling. Keep the work area clean and clear. The work area should be equipped with a source of drinking water. Observe the applicable health and safety legislation. Follow the principles of work hygiene with chemicals, do not eat, drink or smoke while working. Wash your hands with warm water before breaks, meals and after work soapy water.

7.2. Conditions for safe storage, including any incompatibilities

Conditions for safe storage of substances and mixtures, including incompatible substances and mixtures: Store well closed in original packaging in dry, cool and well-ventilated places. Store separately from flammables. Follow the general regulations on the storage of combustibles. Store away from heat sources, protect from direct sunlight, do not smoke. Store separately from oxidizing agents, acids, bases, amines, oxygen. Store separately from food, drink and feed. Follow the directions on the label.

| Content | Packaging type | Material of package |
|---------|----------------|---------------------|
| 25 l | canister | PE |
| 5 l | jerry can | PE |
| 10 l | jerry can | PE |

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.

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PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Tight safety glasses or a face shield.

Skin protection

Protective work clothes made of cotton or synthetic material resistant to high temperatures, antistatic. Solvent-resistant clothing. Wash affected skin, stained remove the garment, wash before further use. Protective gloves material for long-term or repeated contact: nitrile rubber > 0.45 mm, penetration time: > 480 min. PVA, fluoridated rubber > 0.45 mm, penetration time: > 480 min. Splash protection: nitrile rubber, neoprene > 0.3 mm, penetration time: > 60 min. Observe the recommended break-in time for the glove material. When choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Test at a specific workplace before first use. Replace damaged gloves.

Respiratory protection

In case of insufficient ventilation or short-term exposure, use a mask with an anti-filter to organic vapors and aerosols, type A. In the event of an accident or long-term exposure use self-contained breathing apparatus.

Thermal hazard

During heating, steam is produced.

Environmental exposure controls

Observe the usual environmental protection measures. Avoid release to sewers, ground 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 | characteristic |
| Melting point/freezing point | -95 °C |
| Boiling point or initial boiling point and boiling range | 74-75 °C |
| Flammability | Flammable Class I. |
| Lower and upper explosion limit | |
| bottom | 2.1 % |
| upper | 20.5 % |
| Flash point | -6 °C |
| Auto-ignition temperature | 274 °C |
| Decomposition temperature | data not available |
| pH | data not available |
| Kinematic viscosity | data not available |
| Solubility in water | miscible |
| Partition coefficient n-octanol/water (log value) | data not available |
| Vapour pressure | 0.09 bar at 20 °C |
| Density and/or relative density | data not available |
| Relative vapour density | data not available |
| Particle characteristics | data not available |

9.2. Other information

| | |
|------------|--------|
| Appearance | liquid |
|------------|--------|

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PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

| | |
|---|---|
| Explosive properties | Solvent vapors can form an explosive mixture when mixed with air. |
| Content of organic solvents (VOC) | 100% |
| Kinematic viscosity (20 °C): 0.553 mm ² /s | |
| Density and/or relative density (at 20 °C): 1.060 kg/m ³ | |
| Total carbon content 0.644 kg/kg mixture | |
| Oxidizing properties: 2.6 (air = 1) | |
| Evaporation rate: 0.29 vs. butyl acetate | |

SECTION 10: Stability and reactivity

10.1. Reactivity

If the recommended method of use is observed, the mixture does not show dangerous reactions. The mixture is flammable, may form an explosive mixture when heated in a mixture with air.

10.2. Chemical stability

The mixture is volatile, it evaporates under normal conditions of temperature and pressure. The mixture is stable under normal environmental, storage and handling conditions.

10.3. Possibility of hazardous reactions

Vapors mixed with air may form an explosive mixture. Risk of the container bursting due to the development of vapors when the temperature rises. Danger of exothermic reaction in contact with acids and oxidizing agents. Solvent vapors are heavier than air, they accumulate especially near the floor, where they can form an explosive mixture when mixed with air.

Odeslat zpětnou vazbu

Postranní panely

Historie

Uloženo

10.4. Conditions to avoid

Elevated temperatures, contact with open flames, possible sources of ignition and hot surfaces, sparks, static electricity. Avoid creating vapor concentrations within explosive limits.

10.5. Incompatible materials

Strong acids and bases, oxidizing agents. The mixture destroys rubber, various plastics, coatings.

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.

Acute toxicity

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

| 1,3-dioxolane | | | | | |
|-------------------|------------------|----------------------|---------------|---------|-----|
| Route of exposure | Parameter | Value | Exposure time | Species | Sex |
| Oral | LD ₅₀ | >3000 mg/kg | | Rat | |
| Dermal | LD ₅₀ | >3000 mg/kg | | Rabbit | |
| Inhalation | LC ₅₀ | 70 mg/m ³ | 4 hours | Rat | |

| dimethoxymethane | | | | | |
|-------------------|------------------|-------------|---------------|---------|-----|
| Route of exposure | Parameter | Value | Exposure time | Species | Sex |
| Oral | LD ₅₀ | 6423 mg/kg | | Rat | |
| Dermal | LD ₅₀ | >5000 mg/kg | | Rabbit | |

SAFETY DATA SHEET

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PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

| dimethoxymethane | | | | | |
|-------------------|------------------|-------------------------|---------------|---------|-----|
| Route of exposure | Parameter | Value | Exposure time | Species | Sex |
| Inhalation | LC ₅₀ | 15000 mg/m ³ | 4 hours | Rat | |

Skin corrosion/irritation

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

Serious eye damage/irritation

The mixture is classified as eye irritant, category 2. May cause serious eye irritation.

Respiratory or skin sensitisation

Based on the 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.

11.2. Information on other hazards

It does not contain substances causing disruption of the endocrine system. The mixture irritates the eyes (redness, burning in the eyes, lacrimation, conjunctivitis). Long-term inhalation exposure may lead to headaches or nausea. Prolonged or repeated exposure may cause skin dryness. Ingestion may cause abdominal pain, indigestion and nausea. Vomiting and diarrhea may occur.

SECTION 12: Ecological information

12.1. Toxicity

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

Acute toxicity

| 1,3-dioxolane | | | | |
|------------------|------------|---------------|-------------------------------|-------------|
| Parameter | Value | Exposure time | Species | Environment |
| LC ₅₀ | >60.9 mg/l | 96 hours | Fish (Lepomis macrochirus) | |
| EC ₅₀ | >772 mg/l | 48 hours | Invertebrates (Daphnia magna) | |

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PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

| dimethoxymethane | | | | |
|------------------|------------|---------------|-------------------------------|-------------|
| Parameter | Value | Exposure time | Species | Environment |
| LC ₅₀ | >1000 mg/l | 96 hours | Fish | |
| EC ₅₀ | >1200 mg/l | 48 hours | Invertebrates (Daphnia magna) | |

12.2. Persistence and degradability

The organic substances contained are biodegradable.

12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

12.4. Mobility in soil

The mixture is mobile, there is a risk of contamination of environmental components.

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

Prevent the mixture from leaking into the soil, ground or surface water or sewerage. Follow the usual environmental protection measures environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of as hazardous waste, hand over to authorized person for disposal (eg disposal in hazardous waste incinerator). Dispose of packaging and packaging residues in accordance with local waste disposal regulations. Do not dispose of with household waste. Do not empty into drains. Uncontaminated or thoroughly cleaned packaging can be handed over for recycling.

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

08 01 17* wastes from paint or varnish removal 01 17* containing organic solvents or other hazardous substances

Packaging waste type code

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 1166

14.2. UN proper shipping name

DIOXOLANE

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

II

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.

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) .

PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

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. | 33 |
| UN number | 1166 |
| Classification code | F1 |
| Safety signs | 3 |



Tunnel restriction code (D/E)

Air transport - ICAO/IATA

| | |
|----------------------------------|-----|
| Packaging instructions passenger | 353 |
| Cargo packaging instructions | 364 |

Marine transport - IMDG

| | |
|----------------------|----------|
| EmS (emergency plan) | F-E, S-D |
| Marine pollutant | Yes |

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

| | |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation. |

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. |
| P233 | Keep container tightly closed. |
| P243 | Take action to prevent static discharges. |

SAFETY DATA SHEET

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PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

| | |
|----------------|--|
| P280 | Wear protective gloves/protective clothing/eye protection. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

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 K _{ow} | 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 |

| | |
|------------|------------------|
| Eye Irrit. | Eye irritation |
| Flam. Liq. | Flammable liquid |

Training guidelines



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) .

PL 3

| | | | |
|---------------|---------------------|---------|---|
| Creation date | 17th September 2012 | Version | 4 |
| Revision date | 12th December 2022 | | |

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. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). 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.

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.

