

This SDS is an English translation of Regulation (EU) no 2015/830, without any country-specific legislation

EX014PR0017 - MTN PRO Rust effect paint



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: EX014PR0017 - MTN PRO Rust effect paint

Other means of identification:

Non-applicable

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

Relevant uses: Spray paint

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

MONTANA COLORS, S.L.

Pol. Ind. Pla de les Vives C/ Anaïs Nin 6

08295 Sant Vicenç de Castellet - Barcelona - España Phone.: +34 938332760 (9:00- 16:00h GMT +1:00)

msds@montanacolors.com https://www.montanacolors.com

1.4 Emergency telephone number: +34 938332760 (9:00- 16:00h GMT +1:00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aerosol 1: Pressurised container: May burst if heated., H229

Aerosol 1: Flammable aerosols, Category 1, H222 Eye Irrit. 2: Eye irritation, Category 2, H319

STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger





Hazard statements:

Aerosol 1: H229 - Pressurised container: May burst if heated.

Aerosol 1: H222 - Extremely flammable aerosol. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

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.

P271: Use only outdoors or in a well-ventilated area.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F

P501: Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

EUH066: Repeated exposure may cause skin dryness or cracking.

Substances that contribute to the classification

acetone; N-butyl acetate **UFI:** P9D0-900K-6006-EFCN

2.3 Other hazards:



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SECTION 2: HAZARDS IDENTIFICATION (continued)

Product fails to meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Aerosol

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| | Identification | | Chemical name/Classification | | | | | |
|------|--|---|--|---|------------|------|--|--|
| CAS: | 115-10-6 204-065-8 603-019-00-8 01-2119472128-37- XXXX | dimethyl ether ⁽¹⁾ ATP CLP00 | | | | | | |
| | | Regulation 1272/2008 | Flam. Gas 1A: H220; Press. Gas: H280 - Danger | & | 50 - <75 % | | | |
| CAS: | 67-64-1 | acetone(2) | | ATP CLP00 | | | | |
| | 200-662-2 606-001-00-8 01-2119471330-49- XXXX | Regulation 1272/2008 | Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger | (!) | 10 - <25 % | | | |
| CAS: | 123-86-4 | N-butyl acetate(2) | | ATP CLP00 | | | | |
| | 204-658-1 607-025-00-1 01-2119485493-29- XXXX | Regulation 1272/2008 | Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning | ♦ | 10 - <25 % | | | |
| CAS: | Non-applicable | Reaction mass of eth | ylbenzene and m-xylene and p-xylene(2) | Self-classified | | | | |
| | 905-562-9 Non-applicable 01-2119555267-33- XXXX | Regulation 1272/2008 | Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger | (1) (a) (b) | 1 - <2,5 % | | | |
| CAS: | 108-10-1 203-550-1 606-004-00-4 01-2119473980-30- XXXX | 4-methylpentan-2-o | ATP CLP00 | | | | | |
| | | 606-004-00-4 01-2119473980-30- Regulation 1272/2008 Acute Tox. 4: H332; Eye Irrit. 2: H319; Flam. Danger | | Acute Tox. 4: H332; Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H335; EUI Danger | H066 - (1) | <1 % | | |
| CAS: | 108-65-6 | 2-methoxy-1-methyl | ethyl acetate ⁽³⁾ | Self-classified | | | | |
| | 203-603-9 607-195-00-7 01-2119475791-29- XXXX | Regulation 1272/2008 | Flam. Liq. 3: H226; STOT SE 3: H336 - Warning | <u>(1)</u> | <1 % | | | |
| CAS: | 80-62-6 | Methyl methacrylate | (3) | ATP CLP00 | | | | |
| | 201-297-1 607-035-00-6 01-2119452498-28- XXXX | Regulation 1272/2008 | Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Da | anger 🚺 🚳 | <1 % | | | |
| CAS: | 1330-20-7 | Xylene ⁽³⁾ | | Self-classified | | | | |
| | 215-535-7 601-022-00-9 01-2119488216-32- XXXX | Regulation 1272/2008 | Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger | (1) (b) (\$\dag{\lambda} | <1 % | | | |
| CAS: | 100-41-4 | Ethylbenzene ⁽³⁾ | | ATP ATP06 | | | | |
| | 202-849-4 601-023-00-4 01-2119489370-35- XXXX | Regulation 1272/2008 | Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger | 1 4 | <1 % | | | |

⁽¹⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

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⁽²⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

⁽³⁾ Substance with a Union workplace exposure limit



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SECTION 4: FIRST AID MEASURES (continued)

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂).

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:

It is recommended:



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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Avoid splashes and pulverizations. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum Temp.: 30 °C

Maximum time: 120 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification | Occ | Occupational exposure limits | | |
|---------------------------------|--------------|------------------------------|------------------------|--|
| N-butyl acetate | IOELV (8h) | 50 ppm | 241 mg/m ³ | |
| CAS: 123-86-4 EC: 204-658-1 | IOELV (STEL) | 150 ppm | 723 mg/m ³ | |
| 2-methoxy-1-methylethyl acetate | IOELV (8h) | 50 ppm | 275 mg/m ³ | |
| CAS: 108-65-6 EC: 203-603-9 | IOELV (STEL) | 100 ppm | 550 mg/m ³ | |
| Ethylbenzene | IOELV (8h) | 100 ppm | 442 mg/m ³ | |
| CAS: 100-41-4 | IOELV (STEL) | 200 ppm | 884 mg/m ³ | |
| Kylene | IOELV (8h) | 50 ppm | 221 mg/m ³ | |
| CAS: 1330-20-7 EC: 215-535-7 | IOELV (STEL) | 100 ppm | 442 mg/m ³ | |
| 4-methylpentan-2-one | IOELV (8h) | 20 ppm | 83 mg/m ³ | |
| CAS: 108-10-1 EC: 203-550-1 | IOELV (STEL) | 50 ppm | 208 mg/m ³ | |
| acetone | IOELV (8h) | 500 ppm | 1210 mg/m ³ | |
| CAS: 67-64-1 | IOELV (STEL) | | | |
| Methyl methacrylate | IOELV (8h) | 50 ppm | | |
| CAS: 80-62-6 EC: 201-297-1 | IOELV (STEL) | 100 ppm | | |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| | Identification | Occupational exposure limits | | |
|----------------|----------------|------------------------------|----------|------------------------|
| dimethyl ether | | IOELV (8h) | 1000 ppm | 1920 mg/m ³ |
| CAS: 115-10-6 | EC: 204-065-8 | IOELV (STEL) | | |

DNEL (Workers):

| • • | Short exposure | | Long exposure | | |
|---|----------------|-----------------------|------------------------|------------------------|-----------------------|
| Identification | | Systemic | Local | Systemic | Local |
| dimethyl ether | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 115-10-6 | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| EC: 204-065-8 | Inhalation | Non-applicable | Non-applicable | 1894 mg/m ³ | Non-applicable |
| acetone | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 67-64-1 | Dermal | Non-applicable | Non-applicable | 186 mg/kg | Non-applicable |
| EC: 200-662-2 | Inhalation | Non-applicable | 2420 mg/m ³ | 1210 mg/m ³ | Non-applicable |
| N-butyl acetate | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 123-86-4 | Dermal | 11 mg/kg | Non-applicable | 11 mg/kg | Non-applicable |
| EC: 204-658-1 | Inhalation | 600 mg/m ³ | 600 mg/m ³ | 300 mg/m ³ | 300 mg/m ³ |
| Reaction mass of ethylbenzene and m-xylene and p-xylene | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: Non-applicable | Dermal | Non-applicable | Non-applicable | 212 mg/kg | Non-applicable |
| EC: 905-562-9 | Inhalation | 442 mg/m ³ | 442 mg/m³ | 221 mg/m ³ | 221 mg/m ³ |
| 4-methylpentan-2-one | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 108-10-1 | Dermal | Non-applicable | Non-applicable | 11,8 mg/kg | Non-applicable |
| EC: 203-550-1 | Inhalation | 208 mg/m ³ | 208 mg/m ³ | 83 mg/m ³ | 83 mg/m ³ |
| 2-methoxy-1-methylethyl acetate | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 108-65-6 | Dermal | Non-applicable | Non-applicable | 796 mg/kg | Non-applicable |
| EC: 203-603-9 | Inhalation | Non-applicable | 550 mg/m ³ | 275 mg/m ³ | Non-applicable |
| Methyl methacrylate | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 80-62-6 | Dermal | Non-applicable | Non-applicable | 13,67 mg/kg | Non-applicable |
| EC: 201-297-1 | Inhalation | Non-applicable | Non-applicable | 208 mg/m ³ | 208 mg/m ³ |
| Xylene | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 1330-20-7 | Dermal | Non-applicable | Non-applicable | 212 mg/kg | Non-applicable |
| EC: 215-535-7 | Inhalation | 442 mg/m ³ | 442 mg/m ³ | 221 mg/m ³ | 221 mg/m ³ |
| Ethylbenzene | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 100-41-4 | Dermal | Non-applicable | Non-applicable | 180 mg/kg | Non-applicable |
| EC: 202-849-4 | Inhalation | Non-applicable | 293 mg/m ³ | 77 mg/m ³ | Non-applicable |

DNEL (General population):

| | Short exposure | | Long exposure | | |
|---|----------------|-----------------------|-----------------------|------------------------|------------------------|
| Identification | Systemic | Local | Systemic | Local | |
| dimethyl ether | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 115-10-6 | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| EC: 204-065-8 | Inhalation | Non-applicable | Non-applicable | 471 mg/m³ | Non-applicable |
| acetone | Oral | Non-applicable | Non-applicable | 62 mg/kg | Non-applicable |
| CAS: 67-64-1 | Dermal | Non-applicable | Non-applicable | 62 mg/kg | Non-applicable |
| EC: 200-662-2 | Inhalation | Non-applicable | Non-applicable | 200 mg/m ³ | Non-applicable |
| N-butyl acetate | Oral | 2 mg/kg | Non-applicable | 2 mg/kg | Non-applicable |
| CAS: 123-86-4 | Dermal | 6 mg/kg | Non-applicable | 6 mg/kg | Non-applicable |
| EC: 204-658-1 | Inhalation | 300 mg/m ³ | 300 mg/m ³ | 35,7 mg/m ³ | 35,7 mg/m ³ |
| Reaction mass of ethylbenzene and m-xylene and p-xylene | Oral | Non-applicable | Non-applicable | 12,5 mg/kg | Non-applicable |
| CAS: Non-applicable | Dermal | Non-applicable | Non-applicable | 125 mg/kg | Non-applicable |
| EC: 905-562-9 | Inhalation | 260 mg/m ³ | 260 mg/m ³ | 65,3 mg/m ³ | 65,3 mg/m ³ |





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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| | | Short e | xposure | Long e | xposure |
|---------------------------------|----------------|-------------------------|-------------------------|------------------------|------------------------|
| Identification | Identification | | | Systemic | Local |
| 4-methylpentan-2-one | Oral | Non-applicable | Non-applicable | 4,2 mg/kg | Non-applicable |
| CAS: 108-10-1 | Dermal | Non-applicable | Non-applicable | 4,2 mg/kg | Non-applicable |
| EC: 203-550-1 | Inhalation | 155,2 mg/m ³ | 155,2 mg/m ³ | 14,7 mg/m ³ | 14,7 mg/m ³ |
| 2-methoxy-1-methylethyl acetate | Oral | 500 mg/kg | Non-applicable | 36 mg/kg | Non-applicable |
| CAS: 108-65-6 | Dermal | Non-applicable | Non-applicable | 320 mg/kg | Non-applicable |
| EC: 203-603-9 | Inhalation | Non-applicable | Non-applicable | 33 mg/m ³ | 33 mg/m ³ |
| Methyl methacrylate | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 80-62-6 | Dermal | Non-applicable | Non-applicable | 8,2 mg/kg | Non-applicable |
| EC: 201-297-1 | Inhalation | Non-applicable | Non-applicable | 74,3 mg/m ³ | 104 mg/m ³ |
| Xylene | Oral | Non-applicable | Non-applicable | 12,5 mg/kg | Non-applicable |
| CAS: 1330-20-7 | Dermal | Non-applicable | Non-applicable | 125 mg/kg | Non-applicable |
| EC: 215-535-7 | Inhalation | 260 mg/m ³ | 260 mg/m ³ | 65,3 mg/m ³ | 65,3 mg/m ³ |
| Ethylbenzene | Oral | Non-applicable | Non-applicable | 1,6 mg/kg | Non-applicable |
| CAS: 100-41-4 | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| EC: 202-849-4 | Inhalation | Non-applicable | Non-applicable | 15 mg/m ³ | Non-applicable |

PNEC:

| Identification | | | | |
|---|--------------|----------------|-------------------------|----------------|
| dimethyl ether | STP | 160 mg/L | Fresh water | 0,155 mg/L |
| CAS: 115-10-6 | Soil | 0,045 mg/kg | Marine water | 0,016 mg/L |
| EC: 204-065-8 | Intermittent | 1,549 mg/L | Sediment (Fresh water) | 0,681 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,069 mg/kg |
| acetone | STP | 100 mg/L | Fresh water | 10,6 mg/L |
| CAS: 67-64-1 | Soil | 29,5 mg/kg | Marine water | 1,06 mg/L |
| EC: 200-662-2 | Intermittent | 21 mg/L | Sediment (Fresh water) | 30,4 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 3,04 mg/kg |
| N-butyl acetate | STP | 35,6 mg/L | Fresh water | 0,18 mg/L |
| CAS: 123-86-4 | Soil | 0,09 mg/kg | Marine water | 0,018 mg/L |
| EC: 204-658-1 | Intermittent | 0,36 mg/L | Sediment (Fresh water) | 0,981 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,098 mg/kg |
| Reaction mass of ethylbenzene and m-xylene and p-xylene | STP | 6,58 mg/L | Fresh water | 0,327 mg/L |
| CAS: Non-applicable | Soil | 2,31 mg/kg | Marine water | 0,327 mg/L |
| EC: 905-562-9 | Intermittent | 0,327 mg/L | Sediment (Fresh water) | 12,46 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 12,46 mg/kg |
| 4-methylpentan-2-one | STP | 27,5 mg/L | Fresh water | 0,6 mg/L |
| CAS: 108-10-1 | Soil | 1,3 mg/kg | Marine water | 0,06 mg/L |
| EC: 203-550-1 | Intermittent | 1,5 mg/L | Sediment (Fresh water) | 8,27 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,83 mg/kg |
| 2-methoxy-1-methylethyl acetate | STP | 100 mg/L | Fresh water | 0,635 mg/L |
| CAS: 108-65-6 | Soil | 0,29 mg/kg | Marine water | 0,064 mg/L |
| EC: 203-603-9 | Intermittent | 6,35 mg/L | Sediment (Fresh water) | 3,29 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,329 mg/kg |
| Methyl methacrylate | STP | 10 mg/L | Fresh water | 0,94 mg/L |
| CAS: 80-62-6 | Soil | 1,47 mg/kg | Marine water | 0,94 mg/L |
| EC: 201-297-1 | Intermittent | 0,94 mg/L | Sediment (Fresh water) | 5,74 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | Non-applicable |
| Xylene | STP | 6,58 mg/L | Fresh water | 0,327 mg/L |
| CAS: 1330-20-7 | Soil | 2,31 mg/kg | Marine water | 0,327 mg/L |
| EC: 215-535-7 | Intermittent | 0,327 mg/L | Sediment (Fresh water) | 12,46 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 12,46 mg/kg |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | | | |
|----------------|--------------|------------|-------------------------|------------|
| Ethylbenzene | STP | 9,6 mg/L | Fresh water | 0,1 mg/L |
| CAS: 100-41-4 | Soil | 2,68 mg/kg | Marine water | 0,01 mg/L |
| EC: 202-849-4 | Intermittent | 0,1 mg/L | Sediment (Fresh water) | 13,7 mg/kg |
| | Oral | 0,02 g/kg | Sediment (Marine water) | 1,37 mg/kg |

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---|-----------|--|---|
| Mandatory respiratory tract protection | Filter mask for gases, vapours and particles | CAT III | EN 149:2001+A1:2009 EN 405:2002+A1:2010 | Replace when an increase in resistence to breathing is observed and/or a smell or taste of the contaminant is detected. |

C.- Specific protection for the hands

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---------------------------|---|-----------|---|--|
| Mandatory hand protection | NON-disposable chemical protective gloves | CAT III | EN ISO 374-1:2016+A1:2018 EN 16523-1:2015+A1:2018 EN 420:2004+A1:2010 | The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Ocular and facial protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---------------------------|-------------|-----------|---|---|
| Mandatory face protection | Face shield | CATII | EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|------------------------------------|--|-----------|---|---|
| Mandatory complete body protection | Disposable clothing for protection against chemical risks, with antistatic and fireproof properties | CAT III | EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982- 1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994 | For professional use only. Clean periodically according to the manufacturer's instructions. |
| Mandatory foot protection | Safety footwear for protection against chemical risk, with antistatic and heat resistant properties | CAT III | EN ISO 13287:2013 EN ISO 20345:2011 EN 13832-1:2019 | Replace boots at any sign of deterioration. |

F.- Additional emergency measures

| Emergency measure | Standards | Emergency measure | Standards |
|-------------------|---|-------------------|--|
| Emergency shower | ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011 | Eyewash stations | DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 |

Environmental exposure controls:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

88,72 % weight V.O.C. (Supply):

V.O.C. density at 20 °C: 672,53 kg/m3 (672,53 g/L)

Average carbon number: 4,63

Average molecular weight: 86,61 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties: 9.1

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C: Aerosol Appearance: Not available Colour: Red Odour: Not available Odour threshold: Non-applicable *

Volatility:

-25 °C (Propellant) Boiling point at atmospheric pressure: Vapour pressure at 20 °C: Non-applicable * Vapour pressure at 50 °C: <300000 Pa (300 kPa) Evaporation rate at 20 °C: Non-applicable *

Product description:

Density at 20 °C: 758 kg/m³ Relative density at 20 °C: Non-applicable * Dynamic viscosity at 20 °C: Non-applicable * Kinematic viscosity at 20 °C: Non-applicable * Non-applicable * Kinematic viscosity at 40 °C: Concentration: Non-applicable * pH: Non-applicable * Vapour density at 20 °C: Non-applicable * Partition coefficient n-octanol/water 20 °C: Non-applicable *

Solubility in water at 20 °C:

Solubility properties: Non-applicable * Decomposition temperature: Non-applicable * Melting point/freezing point: Non-applicable * Recipient pressure: Non-applicable * Non-applicable * Explosive properties: Oxidising properties: Non-applicable *

Flammability:

Flash Point: -41 °C (Propellant) Heat of combustion: Non-applicable * Flammability (solid, gas): Non-applicable * Autoignition temperature: 240 °C (Propellant) *Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Lower flammability limit: Non-applicable *
Upper flammability limit: Non-applicable *

Explosive:

Lower explosive limit:

Upper explosive limit:

Non-applicable *
Non-applicable *

9.2 Other information:

Surface tension at 20 °C:

Refraction index:

Non-applicable *

Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Not applicable | Not applicable | Risk of combustion | Avoid direct impact | Not applicable |

10.5 Incompatible materials:

| Acids | Water | Oxidising materials | Combustible materials | Others |
|--------------------|----------------|---------------------|-----------------------|---|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable | Avoid alkalis or strong bases. Can react violently |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.



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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for skin contact. For more information see section 3.
 - Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
 - IARC: Carbon black (2B); Ethylbenzene (2B); Xylene (3); Reaction mass of ethylbenzene and m-xylene and p-xylene (3); 4-methylpentan-2-one (2B); Hydrocarbons, C9, aromatics (EC 200-753-7 <0,1%) (3); Methyl methacrylate (3); Polypropylene (3); Diiron trioxide (3)
 - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
 - Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
 - Cutaneous: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
 - Skin: Repeated exposure may cause skin dryness or cracking
- H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

| Identification | Acu | ite toxicity | Genus |
|---|-----------------|----------------------|--------|
| N-butyl acetate | LD50 oral | 12789 mg/kg | Rat |
| CAS: 123-86-4 | LD50 dermal | 14112 mg/kg | Rabbit |
| EC: 204-658-1 | LC50 inhalation | 23,4 mg/L (4 h) | Rat |
| Reaction mass of ethylbenzene and m-xylene and p-xylene | LD50 oral | 5627 mg/kg | Mouse |
| CAS: Non-applicable | LD50 dermal | 1100 mg/kg | Rat |
| EC: 905-562-9 | LC50 inhalation | 11 mg/L (4 h) (ATEi) | |
| acetone | LD50 oral | 5800 mg/kg | Rat |
| CAS: 67-64-1 | LD50 dermal | 7426 mg/kg | Rabbit |
| EC: 200-662-2 | LC50 inhalation | 76 mg/L (4 h) | Rat |
| dimethyl ether | LD50 oral | >2000 mg/kg | |
| CAS: 115-10-6 | LD50 dermal | >2000 mg/kg | |
| EC: 204-065-8 | LC50 inhalation | 308,5 mg/L (4 h) | Rat |
| 4-methylpentan-2-one | LD50 oral | 2080 mg/kg | |
| CAS: 108-10-1 | LD50 dermal | >2000 mg/kg | |
| EC: 203-550-1 | LC50 inhalation | >20 mg/L | |
| 2-methoxy-1-methylethyl acetate | LD50 oral | 8532 mg/kg | Rat |
| CAS: 108-65-6 | LD50 dermal | 5100 mg/kg | Rat |
| EC: 203-603-9 | LC50 inhalation | 30 mg/L (4 h) | Rat |





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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

| Identification | | Acute toxicity | | Genus |
|---------------------|--|-----------------|-----------------|--------|
| Methyl methacrylate | | LD50 oral | >2000 mg/kg | |
| CAS: 80-62-6 | | LD50 dermal | >2000 mg/kg | |
| EC: 201-297-1 | | LC50 inhalation | >20 mg/L | |
| Xylene | | LD50 oral | 2100 mg/kg | Rat |
| CAS: 1330-20-7 | | LD50 dermal | 1100 mg/kg | Rat |
| EC: 215-535-7 | | LC50 inhalation | >20 mg/L | |
| Ethylbenzene | | LD50 oral | 3500 mg/kg | Rat |
| CAS: 100-41-4 | | LD50 dermal | 15354 mg/kg | Rabbit |
| EC: 202-849-4 | | LC50 inhalation | 17,2 mg/L (4 h) | Rat |

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

| Identification | | Acute toxicity | Species | Genus |
|---|------|------------------|---------------------------|------------|
| acetone | LC50 | 5540 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| CAS: 67-64-1 | EC50 | 23.5 mg/L (48 h) | Daphnia magna | Crustacean |
| EC: 200-662-2 | EC50 | 3400 mg/L (48 h) | Chlorella pyrenoidosa | Algae |
| N-butyl acetate | LC50 | 62 mg/L (96 h) | Leuciscus idus | Fish |
| CAS: 123-86-4 | EC50 | 73 mg/L (24 h) | Daphnia magna | Crustacean |
| EC: 204-658-1 | EC50 | 675 mg/L (72 h) | Scenedesmus subspicatus | Algae |
| Reaction mass of ethylbenzene and m-xylene and p-xylene | LC50 | 13.5 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| CAS: Non-applicable | EC50 | 0.6 mg/L (96 h) | Gammarus lacustris | Crustacean |
| EC: 905-562-9 | EC50 | 10 mg/L (72 h) | Skeletonema costatum | Algae |
| 4-methylpentan-2-one | LC50 | 900 mg/L (48 h) | Leuciscus idus | Fish |
| CAS: 108-10-1 | EC50 | 862 mg/L (24 h) | Daphnia magna | Crustacean |
| EC: 203-550-1 | EC50 | 980 mg/L (48 h) | Scenedesmus subspicatus | Algae |
| 2-methoxy-1-methylethyl acetate | LC50 | 161 mg/L (96 h) | Pimephales promelas | Fish |
| CAS: 108-65-6 | EC50 | 481 mg/L (48 h) | Daphnia sp. | Crustacean |
| EC: 203-603-9 | EC50 | Non-applicable | | |
| Methyl methacrylate | LC50 | 191 mg/L (96 h) | Lepomis macrochirus | Fish |
| CAS: 80-62-6 | EC50 | 69 mg/L (48 h) | Daphnia magna | Crustacean |
| EC: 201-297-1 | EC50 | 170 mg/L (96 h) | Selenastrum capricornutum | Algae |
| Xylene | LC50 | 13.5 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| CAS: 1330-20-7 | EC50 | 3.4 mg/L (48 h) | Ceriodaphnia dubia | Crustacean |
| EC: 215-535-7 | EC50 | 10 mg/L (72 h) | Skeletonema costatum | Algae |
| Ethylbenzene | LC50 | 42.3 mg/L (96 h) | Pimephales promelas | Fish |
| CAS: 100-41-4 | EC50 | 75 mg/L (48 h) | Daphnia magna | Crustacean |
| EC: 202-849-4 | EC50 | 63 mg/L (3 h) | Chlorella vulgaris | Algae |

12.2 Persistence and degradability:

| Identification | De | gradability | Biod | egradability |
|----------------------|----------|----------------|-----------------|----------------|
| acetone | BOD5 | Non-applicable | Concentration | 100 mg/L |
| CAS: 67-64-1 | COD | Non-applicable | Period | 28 days |
| EC: 200-662-2 | BOD5/COD | Non-applicable | % Biodegradable | 96 % |
| N-butyl acetate | BOD5 | Non-applicable | Concentration | Non-applicable |
| CAS: 123-86-4 | COD | Non-applicable | Period | 5 days |
| EC: 204-658-1 | BOD5/COD | Non-applicable | % Biodegradable | 84 % |
| 4-methylpentan-2-one | BOD5 | 2,06 g O2/g | Concentration | 100 mg/L |
| CAS: 108-10-1 | COD | 2,16 g O2/g | Period | 14 days |
| EC: 203-550-1 | BOD5/COD | 0,95 | % Biodegradable | 84 % |

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SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Degra | adability | Biodegradab | oility |
|---------------------------------|----------|----------------|-----------------|----------------|
| 2-methoxy-1-methylethyl acetate | BOD5 | Non-applicable | Concentration | 785 mg/L |
| CAS: 108-65-6 | COD | Non-applicable | Period | 8 days |
| EC: 203-603-9 | BOD5/COD | Non-applicable | % Biodegradable | 100 % |
| Methyl methacrylate | BOD5 | Non-applicable | Concentration | 100 mg/L |
| CAS: 80-62-6 | COD | Non-applicable | Period | 14 days |
| EC: 201-297-1 | BOD5/COD | Non-applicable | % Biodegradable | 94,3 % |
| Xylene | BOD5 | Non-applicable | Concentration | Non-applicable |
| CAS: 1330-20-7 | COD | Non-applicable | Period | 28 days |
| EC: 215-535-7 | BOD5/COD | Non-applicable | % Biodegradable | 88 % |
| Ethylbenzene | BOD5 | Non-applicable | Concentration | 100 mg/L |
| CAS: 100-41-4 | COD | Non-applicable | Period | 14 days |
| EC: 202-849-4 | BOD5/COD | Non-applicable | % Biodegradable | 90 % |

12.3 Bioaccumulative potential:

| Identification | Bio | accumulation potential |
|---|-----------|------------------------|
| acetone | BCF | 1 |
| CAS: 67-64-1 | Pow Log | -0.24 |
| EC: 200-662-2 | Potential | Low |
| N-butyl acetate | BCF | 4 |
| CAS: 123-86-4 | Pow Log | 1.78 |
| EC: 204-658-1 | Potential | Low |
| Reaction mass of ethylbenzene and m-xylene and p-xylene | BCF | 9 |
| CAS: Non-applicable | Pow Log | 2.77 |
| EC: 905-562-9 | Potential | Low |
| 4-methylpentan-2-one | BCF | 2 |
| CAS: 108-10-1 | Pow Log | 1.31 |
| EC: 203-550-1 | Potential | Low |
| 2-methoxy-1-methylethyl acetate | BCF | 1 |
| CAS: 108-65-6 | Pow Log | 0.43 |
| EC: 203-603-9 | Potential | Low |
| Methyl methacrylate | BCF | 7 |
| CAS: 80-62-6 | Pow Log | 1.38 |
| EC: 201-297-1 | Potential | Low |
| Xylene | BCF | 9 |
| CAS: 1330-20-7 | Pow Log | 2.77 |
| EC: 215-535-7 | Potential | Low |
| Ethylbenzene | BCF | 1 |
| CAS: 100-41-4 | Pow Log | 3.15 |
| EC: 202-849-4 | Potential | Low |

12.4 Mobility in soil:

| Identification | Absorp | Absorption/desorption | | olatility |
|----------------------|-----------------|-----------------------|------------|----------------|
| dimethyl ether | Koc | Non-applicable | Henry | Non-applicable |
| CAS: 115-10-6 | Conclusion | Non-applicable | Dry soil | Non-applicable |
| EC: 204-065-8 | Surface tension | 1,136E-2 N/m (25 °C) | Moist soil | Non-applicable |
| acetone | Koc | 1 | Henry | 2,93 Pa·m³/mol |
| CAS: 67-64-1 | Conclusion | Very High | Dry soil | Yes |
| EC: 200-662-2 | Surface tension | 2,304E-2 N/m (25 °C) | Moist soil | Yes |
| N-butyl acetate | Koc | Non-applicable | Henry | Non-applicable |
| CAS: 123-86-4 | Conclusion | Non-applicable | Dry soil | Non-applicable |
| EC: 204-658-1 | Surface tension | 2,478E-2 N/m (25 °C) | Moist soil | Non-applicable |
| 4-methylpentan-2-one | Koc | Non-applicable | Henry | Non-applicable |
| CAS: 108-10-1 | Conclusion | Non-applicable | Dry soil | Non-applicable |
| EC: 203-550-1 | Surface tension | 2,35E-2 N/m (25 °C) | Moist soil | Non-applicable |

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SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Absorption/desorption | | Volat | ility |
|---------------------|-----------------------|----------------------|------------|------------------|
| Methyl methacrylate | Koc | Non-applicable | Henry | Non-applicable |
| CAS: 80-62-6 | Conclusion | Non-applicable | Dry soil | Non-applicable |
| EC: 201-297-1 | Surface tension | 2,551E-2 N/m (25 °C) | Moist soil | Non-applicable |
| Xylene | Koc | 202 | Henry | 524,86 Pa·m³/mol |
| CAS: 1330-20-7 | Conclusion | Moderate | Dry soil | Yes |
| EC: 215-535-7 | Surface tension | Non-applicable | Moist soil | Yes |
| Ethylbenzene | Koc | 520 | Henry | 798,44 Pa·m³/mol |
| CAS: 100-41-4 | Conclusion | Moderate | Dry soil | Yes |
| EC: 202-849-4 | Surface tension | 2,859E-2 N/m (25 °C) | Moist soil | Yes |

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

| Code | Description | Waste class (Regulation (EU) No 1357/2014) |
|-----------|---|---|
| 16 05 04* | gases in pressure containers (including halons) containing hazardous substances | Dangerous |

Type of waste (Regulation (EU) No 1357/2014):

HP3 Flammable

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:

14.1 UN number: UN1950

14.2 UN proper shipping name: AEROSOLS, flammable 14.3 Transport hazard class(es):

2.1 14.4 Packing group: N/A

14.5 Environmental hazards: No

14.6 Special precautions for user Special regulations: 190, 327, 344, 625

> Tunnel restriction code: D

Physico-Chemical properties: see section 9 Limited quantities: 1 L

14.7 Transport in bulk according Non-applicable

to Annex II of Marpol and the IBC Code:

Transport of dangerous goods by sea:

With regard to IMDG 39-18:

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SECTION 14: TRANSPORT INFORMATION (continued)



14.1 UN number: UN1950

14.2 UN proper shipping name: AEROSOLS, flammable

14.3 Transport hazard class(es): 2

Labels: 2.1 **14.4 Packing group:** N/A

14.4 Packing group: N/A **14.5 Marine pollutant:** No

14.6 Special precautions for user

Special regulations: 63, 959, 190, 277, 327, 344

EmS Codes: F-D, S-U
Physico-Chemical properties: see section 9

Limited quantities: 1 L

Segregation group: Non-applicable **14.7 Transport in bulk according** Non-applicable

to Annex II of Marpol and the IBC Code:

Transport of dangerous goods by air:

With regard to IATA/ICAO 2020:



14.1 UN number: UN1950

14.2 UN proper shipping name: AEROSOLS, flammable

14.3 Transport hazard class(es): 2

Labels: 2.1 **14.4 Packing group:** N/A **14.5 Environmental hazards:** No

14.6 Special precautions for user

Physico-Chemical properties: see section 9 **Transport in bulk according** Non-applicable

14.7 Transport in bulk according to Annex II of Marpol and

the IBC Code:

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

| Section | Description | Lower-tier requirements | Upper-tier requirements |
|---------|--------------------|-------------------------|-------------------------|
| P3a | FLAMMABLE AEROSOLS | 150 | 500 |

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors: Contains acetone. Product under the provisions of Article 9.

Shall not be used in:

- —ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- -tricks and jokes,
- —games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:



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SECTION 15: REGULATORY INFORMATION (continued)

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Non-applicable

Texts of the legislative phrases mentioned in section 2:

H336: May cause drowsiness or dizziness.

H229: Pressurised container: May burst if heated.

H222: Extremely flammable aerosol. H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.

Acute Tox. 4: H332 - Harmful if inhaled.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Gas 1A: H220 - Extremely flammable gas.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Press. Gas: H280 - Contains gas under pressure, may explode if heated.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

STOT SE 3: H335 - May cause respiratory irritation.

STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

STOT SE 3: Calculation method

Aerosol 1: Calculation method

Aerosol 1: Calculation method

Eye Irrit. 2: Calculation method

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://echa.europa.eu

http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient Koc: Partition coefficient of organic carbon

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.