# EX014PR0030M - MTN WEPRO VINYL AND FABRIC PAINT



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

**1.1 Product identifier:** EX014PR0030M - MTN WEPRO VINYL AND FABRIC PAINT

**Other means of identification:**

**UFI:** RX02-W07S-W005-PV5Q

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

Relevant uses (Consumer use): Spray paint
Relevant uses (Professional users): Spray paint
Relevant uses (Industrial user): 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 (Mon- frid 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: Flammable aerosols, Category 1, H222
Aerosol 1: Pressurised container: May burst if heated., H229
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: H222 - Extremely flammable aerosol.
Aerosol 1: H229 - Pressurised container: May burst if heated.
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.
P261: Avoid breathing 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 and / or their container according to the separated collection system used in your municipality.

**Supplementary information:**

EUH066: Repeated exposure may cause skin dryness or cracking.
EUH208: Contains maleic anhydride. May produce an allergic reaction.
EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**Substances that contribute to the classification**

acetone; N-butyl acetate; Butanone

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## SECTION 2: HAZARDS IDENTIFICATION (continued)

**UFI:** RX02-W07S-W005-PV5Q

**2.3 Other hazards:**

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substance:**

Not relevant

**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 | | Concentration |
|---|---|---|---|
| CAS: 115-10-6<br>EC: 204-065-8<br>Index: 603-019-00-8<br>REACH: 01-2119472128-37-XXXX | **Dimethyl ether[1]** | ATP CLP00 | **30 - <50 %** |
| | Regulation 1272/2008 | Flam. Gas 1A: H220; Press. Gas: H280 - Danger | |
| CAS: 67-64-1<br>EC: 200-662-2<br>Index: 606-001-00-8<br>REACH: 01-2119471330-49-XXXX | **acetone[2]** | ATP CLP00 | **10 - <20 %** |
| | Regulation 1272/2008 | Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger | |
| CAS: 123-86-4<br>EC: 204-658-1<br>Index: 607-025-00-1<br>REACH: 01-2119485493-29-XXXX | **N-butyl acetate[2]** | ATP CLP00 | **5 - <10 %** |
| | Regulation 1272/2008 | Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning | |
| CAS: 78-93-3<br>EC: 201-159-0<br>Index: 606-002-00-3<br>REACH: 01-2119457290-43-XXXX | **Butanone[2]** | ATP CLP00 | **5 - <10 %** |
| | Regulation 1272/2008 | Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger | |
| CAS: 110-19-0<br>EC: 203-745-1<br>Index: 607-026-00-7<br>REACH: 01-2119488971-22-XXXX | **Isobutyl Acetate[1]** | ATP CLP00 | **2,5 - <5 %** |
| | Regulation 1272/2008 | Flam. Liq. 2: H225; EUH066 - Danger | |
| CAS: 123-42-2<br>EC: 204-626-7<br>Index: 603-016-00-1<br>REACH: 01-2119473975-21-XXXX | **4-hydroxy-4-methylpentan-2-one[2]** | Self-classified | **2,5 - <5 %** |
| | Regulation 1272/2008 | Eye Irrit. 2: H319; Flam. Liq. 3: H226; Repr. 2: H361; STOT SE 3: H335 - Warning | |
| CAS: 111-76-2<br>EC: 203-905-0<br>Index: 603-014-00-0<br>REACH: 01-2119475108-36-XXXX | **2-butoxyethanol[2]** | ATP ATP18 | **2,5 - <5 %** |
| | Regulation 1272/2008 | Acute Tox. 3: H331; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Danger | |
| CAS: 107-87-9<br>EC: 203-528-1<br>Index: Not relevant<br>REACH: 01-2119988840-24-XXXX | **Pentan-2-one[2]** | Self-classified | **1 - <2,5 %** |
| | Regulation 1272/2008 | Acute Tox. 4: H302; Eye Irrit. 2: H319; Flam. Liq. 2: H225 - Danger | |
| CAS: 108-65-6<br>EC: 203-603-9<br>Index: 607-195-00-7<br>REACH: 01-2119475791-29-XXXX | **2-methoxy-1-methylethyl acetate[1]** | Self-classified | **0,05 - <0,3 %** |
| | Regulation 1272/2008 | Flam. Liq. 3: H226; STOT SE 3: H336 - Warning | |
| CAS: 1330-20-7<br>EC: 215-535-7<br>Index: 601-022-00-9<br>REACH: 01-2119488216-32-XXXX | **Xylene[1]** | Self-classified | **0,05 - <0,3 %** |
| | Regulation 1272/2008 | Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; 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] Substance with a Union workplace exposure limit
[2] Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

| Identification | Chemical name/Classification | | Concentration |
|---|---|---|---|
| CAS: 100-41-4<br>EC: 202-849-4<br>Index: 601-023-00-4<br>REACH: 01-2119489370-35-XXXX | **Ethylbenzene(1)** ATP ATP06 | | **<0,05 %** |
| | Regulation 1272/2008 | Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger | |
| CAS: 108-10-1<br>EC: 203-550-1<br>Index: 606-004-00-4<br>REACH: 01-2119473980-30-XXXX | **4-methylpentan-2-one(1)** ATP ATP17 | | **<0,05 %** |
| | Regulation 1272/2008 | Acute Tox. 4: H332; Carc. 2: H351; Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger | |
| CAS: 108-31-6<br>EC: 203-571-6<br>Index: 607-096-00-9<br>REACH: 01-2119472428-31-XXXX | **maleic anhydride(2)** ATP ATP13 | | **<0,05 %** |
| | Regulation 1272/2008 | Acute Tox. 4: H302; Eye Dam. 1: H318; Resp. Sens. 1: H334; Skin Corr. 1B: H314; Skin Sens. 1A: H317; STOT RE 1: H372; EUH071 - Danger | |

(1) Substance with a Union workplace exposure limit
(2) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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

**Other information:**

| Identification | Specific concentration limit |
|---|---|
| 4-hydroxy-4-methylpentan-2-one<br>CAS: 123-42-2<br>EC: 204-626-7 | % (w/w) >=10: Eye Irrit. 2 - H319 |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6 | % (w/w) >=0,001: Skin Sens. 1A - H317 |

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification | Acute toxicity | | Genus |
|---|---|---|---|
| 2-butoxyethanol<br>CAS: 111-76-2<br>EC: 203-905-0 | LD50 oral | 1200 mg/kg | Rat |
| | LD50 dermal | Not relevant | |
| | LC50 inhalation mist | 0.5 mg/L | |
| Pentan-2-one<br>CAS: 107-87-9<br>EC: 203-528-1 | LD50 oral | 500 mg/kg | Rat |
| | LD50 dermal | Not relevant | |
| | LC50 inhalation mist | Not relevant | |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7 | LD50 oral | Not relevant | |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation mist | 4.036 mg/L * | |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4 | LD50 oral | Not relevant | |
| | LD50 dermal | Not relevant | |
| | LC50 inhalation mist | 4.107 mg/L * | |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6 | LD50 oral | 1090 mg/kg | Rat |
| | LD50 dermal | Not relevant | |
| | LC50 inhalation mist | Not relevant | |

* Equivalent ATE value of the substance applicable to the exposure route of the product. For the ATE value associated with the exposure route of the substance, see section 11.

## 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:**

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:**

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## SECTION 4: FIRST AID MEASURES (continued)

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:**

Not relevant

## SECTION 5: FIREFIGHTING MEASURES

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

**Unsuitable extinguishing media:**

Water jet

**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. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

**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:**

**For non-emergency personnel:**

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. Remove 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.

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

It is recommended to avoid environmental spillage of both the product and its container.

**6.3 Methods and material for containment and cleaning up:**

It is recommended:

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## SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.
Spillages in water or sea:
Small spillages:
Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.
Large spillages:
If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

**6.4 Reference to other sections:**

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling:**

A.- General precautions for safe use

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. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

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.- Specific storage requirements

Minimum Temp.: 5 ºC
Maximum Temp.: 50 ºC
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 assessed in the workplace:

2021 Code of Practice for the Chemical Agents Regulations:

| Identification | Occupational exposure limits | | |
|---|---|---|---|
| Dimethyl ether<br>CAS: 115-10-6 EC: 204-065-8 | OEL (8h)<br>OEL (15 min) | 1000 ppm | 1920 mg/m³ |
| 4-hydroxy-4-methylpentan-2-one<br>CAS: 123-42-2 EC: 204-626-7 | OEL (8h)<br>OEL (15 min) | 50 ppm<br>75 ppm | 240 mg/m³<br>360 mg/m³ |
| 2-butoxyethanol (1)<br>CAS: 111-76-2 EC: 203-905-0 | OEL (8h)<br>OEL (15 min) | 20 ppm<br>50 ppm | 98 mg/m³<br>246 mg/m³ |
| N-butyl acetate | OEL (8h) | 50 ppm | 241 mg/m³ |

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

2021 Code of Practice for the Chemical Agents Regulations:

| Identification | Occupational exposure limits | | |
|---|---|---|---|
| CAS: 123-86-4 EC: 204-658-1 | OEL (15 min) | 150 ppm | 723 mg/m³ |
| Butanone | OEL (8h) | 200 ppm | 600 mg/m³ |
| CAS: 78-93-3 EC: 201-159-0 | OEL (15 min) | 300 ppm | 900 mg/m³ |
| Pentan-2-one | OEL (8h) | 200 ppm | 700 mg/m³ |
| CAS: 107-87-9 EC: 203-528-1 | OEL (15 min) | 250 ppm | 875 mg/m³ |
| 4-methylpentan-2-one | OEL (8h) | 20 ppm | 83 mg/m³ |
| CAS: 108-10-1 EC: 203-550-1 | OEL (15 min) | 50 ppm | 208 mg/m³ |
| Ethylbenzene (1) | OEL (8h) | 100 ppm | 442 mg/m³ |
| CAS: 100-41-4 EC: 202-849-4 | OEL (15 min) | 200 ppm | 884 mg/m³ |
| 2,6-dimethylheptan-4-one | OEL (8h) | 25 ppm | 150 mg/m³ |
| CAS: 108-83-8 EC: 203-620-1 | OEL (15 min) | | |
| Xylene (1) | OEL (8h) | 50 ppm | 221 mg/m³ |
| CAS: 1330-20-7 EC: 215-535-7 | OEL (15 min) | 100 ppm | 442 mg/m³ |
| maleic anhydride | OEL (8h) | 0.1 ppm | |
| CAS: 108-31-6 EC: 203-571-6 | OEL (15 min) | | |
| 2-methoxy-1-methylethyl acetate (1) | OEL (8h) | 50 ppm | 275 mg/m³ |
| CAS: 108-65-6 EC: 203-603-9 | OEL (15 min) | 100 ppm | 550 mg/m³ |
| acetone | OEL (8h) | 500 ppm | 1210 mg/m³ |
| CAS: 67-64-1 EC: 200-662-2 | OEL (15 min) | | |
| Isobutyl Acetate | OEL (8h) | 50 ppm | 241 mg/m³ |
| CAS: 110-19-0 EC: 203-745-1 | OEL (15 min) | 150 ppm | 723 mg/m³ |
| 2-methylpropan-1-ol | OEL (8h) | 50 ppm | 150 mg/m³ |
| CAS: 78-83-1 EC: 201-148-0 | OEL (15 min) | 75 ppm | 225 mg/m³ |
| Diiron trioxide | OEL (8h) | | 5 mg/m³ |
| CAS: 1309-37-1 EC: 215-168-2 | OEL (15 min) | | 10 mg/m³ |
| Carbon black | OEL (8h) | | 3.5 mg/m³ |
| CAS: 1333-86-4 EC: 215-609-9 | OEL (15 min) | | 7 mg/m³ |
| Kaolin | OEL (8h) | | 2 mg/m³ |
| CAS: 1332-58-7 EC: 310-194-1 | OEL (15 min) | | |

(1) Skin

**DNEL (Workers):**

| Identification | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| Dimethyl ether | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 115-10-6 | Dermal | Not relevant | Not relevant | Not relevant | Not relevant |
| EC: 204-065-8 | Inhalation | Not relevant | Not relevant | 1894 mg/m³ | Not relevant |
| acetone | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 67-64-1 | Dermal | Not relevant | Not relevant | 186 mg/kg | Not relevant |
| EC: 200-662-2 | Inhalation | Not relevant | 2420 mg/m³ | 1210 mg/m³ | Not relevant |
| N-butyl acetate | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 123-86-4 | Dermal | 11 mg/kg | Not relevant | 11 mg/kg | Not relevant |
| EC: 204-658-1 | Inhalation | 600 mg/m³ | 600 mg/m³ | 300 mg/m³ | 300 mg/m³ |
| Butanone | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 78-93-3 | Dermal | Not relevant | Not relevant | 1161 mg/kg | Not relevant |
| EC: 201-159-0 | Inhalation | Not relevant | Not relevant | 600 mg/m³ | Not relevant |
| Isobutyl Acetate | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 110-19-0 | Dermal | 10 mg/kg | Not relevant | 10 mg/kg | Not relevant |
| EC: 203-745-1 | Inhalation | 600 mg/m³ | 600 mg/m³ | 300 mg/m³ | 300 mg/m³ |
| 4-hydroxy-4-methylpentan-2-one | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 123-42-2 | Dermal | Not relevant | Not relevant | 467 mg/kg | Not relevant |
| EC: 204-626-7 | Inhalation | Not relevant | 240 mg/m³ | 32.6 mg/m³ | Not relevant |
| 2-butoxyethanol | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 111-76-2 | Dermal | 89 mg/kg | Not relevant | 125 mg/kg | Not relevant |
| EC: 203-905-0 | Inhalation | 1091 mg/m³ | 246 mg/m³ | 98 mg/m³ | Not relevant |

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| Pentan-2-one | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 107-87-9 | Dermal | Not relevant | Not relevant | 19.89 mg/kg | Not relevant |
| EC: 203-528-1 | Inhalation | 4783.5 mg/m³ | Not relevant | 209.38 mg/m³ | Not relevant |
| 2-methoxy-1-methylethyl acetate | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 108-65-6 | Dermal | Not relevant | Not relevant | 796 mg/kg | Not relevant |
| EC: 203-603-9 | Inhalation | Not relevant | 550 mg/m³ | 275 mg/m³ | Not relevant |
| Xylene | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 1330-20-7 | Dermal | Not relevant | Not relevant | 212 mg/kg | Not relevant |
| EC: 215-535-7 | Inhalation | 442 mg/m³ | 442 mg/m³ | 221 mg/m³ | 221 mg/m³ |
| Ethylbenzene | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 100-41-4 | Dermal | Not relevant | Not relevant | 180 mg/kg | Not relevant |
| EC: 202-849-4 | Inhalation | Not relevant | 293 mg/m³ | 77 mg/m³ | Not relevant |
| 4-methylpentan-2-one | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 108-10-1 | Dermal | Not relevant | Not relevant | 11.8 mg/kg | Not relevant |
| EC: 203-550-1 | Inhalation | 208 mg/m³ | 208 mg/m³ | 83 mg/m³ | 83 mg/m³ |
| maleic anhydride | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 108-31-6 | Dermal | Not relevant | Not relevant | Not relevant | Not relevant |
| EC: 203-571-6 | Inhalation | 0.2 mg/m³ | 0.2 mg/m³ | 0.081 mg/m³ | 0.081 mg/m³ |

**DNEL (General population):**

| Identification | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| Dimethyl ether | Oral | Not relevant | Not relevant | Not relevant | Not relevant |
| CAS: 115-10-6 | Dermal | Not relevant | Not relevant | Not relevant | Not relevant |
| EC: 204-065-8 | Inhalation | Not relevant | Not relevant | 471 mg/m³ | Not relevant |
| acetone | Oral | Not relevant | Not relevant | 62 mg/kg | Not relevant |
| CAS: 67-64-1 | Dermal | Not relevant | Not relevant | 62 mg/kg | Not relevant |
| EC: 200-662-2 | Inhalation | Not relevant | Not relevant | 200 mg/m³ | Not relevant |
| N-butyl acetate | Oral | 2 mg/kg | Not relevant | 2 mg/kg | Not relevant |
| CAS: 123-86-4 | Dermal | 6 mg/kg | Not relevant | 6 mg/kg | Not relevant |
| EC: 204-658-1 | Inhalation | 300 mg/m³ | 300 mg/m³ | 35.7 mg/m³ | 35.7 mg/m³ |
| Butanone | Oral | Not relevant | Not relevant | 31 mg/kg | Not relevant |
| CAS: 78-93-3 | Dermal | Not relevant | Not relevant | 412 mg/kg | Not relevant |
| EC: 201-159-0 | Inhalation | Not relevant | Not relevant | 106 mg/m³ | Not relevant |
| Isobutyl Acetate | Oral | 5 mg/kg | Not relevant | 5 mg/kg | Not relevant |
| CAS: 110-19-0 | Dermal | 5 mg/kg | Not relevant | 5 mg/kg | Not relevant |
| EC: 203-745-1 | Inhalation | 300 mg/m³ | 300 mg/m³ | 35.7 mg/m³ | 35.7 mg/m³ |
| 4-hydroxy-4-methylpentan-2-one | Oral | Not relevant | Not relevant | 1.67 mg/kg | Not relevant |
| CAS: 123-42-2 | Dermal | Not relevant | Not relevant | 33 mg/kg | Not relevant |
| EC: 204-626-7 | Inhalation | Not relevant | Not relevant | 5.8 mg/m³ | Not relevant |
| 2-butoxyethanol | Oral | Not relevant | Not relevant | 6.3 mg/kg | Not relevant |
| CAS: 111-76-2 | Dermal | 89 mg/kg | Not relevant | 75 mg/kg | Not relevant |
| EC: 203-905-0 | Inhalation | 426 mg/m³ | 147 mg/m³ | 59 mg/m³ | Not relevant |
| Pentan-2-one | Oral | Not relevant | Not relevant | 17.97 mg/kg | Not relevant |
| CAS: 107-87-9 | Dermal | Not relevant | Not relevant | 17.97 mg/kg | Not relevant |
| EC: 203-528-1 | Inhalation | 4283.73 mg/m³ | Not relevant | 62.5 mg/m³ | Not relevant |
| 2-methoxy-1-methylethyl acetate | Oral | Not relevant | Not relevant | 36 mg/kg | Not relevant |
| CAS: 108-65-6 | Dermal | Not relevant | Not relevant | 320 mg/kg | Not relevant |
| EC: 203-603-9 | Inhalation | Not relevant | Not relevant | 33 mg/m³ | 33 mg/m³ |
| Xylene | Oral | Not relevant | Not relevant | 12.5 mg/kg | Not relevant |
| CAS: 1330-20-7 | Dermal | Not relevant | Not relevant | 125 mg/kg | Not relevant |
| EC: 215-535-7 | Inhalation | 260 mg/m³ | 260 mg/m³ | 65.3 mg/m³ | 65.3 mg/m³ |

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| Ethylbenzene | Oral | Not relevant | Not relevant | 1.6 mg/kg | Not relevant |
| CAS: 100-41-4 | Dermal | Not relevant | Not relevant | Not relevant | Not relevant |
| EC: 202-849-4 | Inhalation | Not relevant | Not relevant | 15 mg/m³ | Not relevant |
| 4-methylpentan-2-one | Oral | Not relevant | Not relevant | 4.2 mg/kg | Not relevant |
| CAS: 108-10-1 | Dermal | Not relevant | Not relevant | 4.2 mg/kg | Not relevant |
| EC: 203-550-1 | Inhalation | 155.2 mg/m³ | 155.2 mg/m³ | 14.7 mg/m³ | 14.7 mg/m³ |

**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 | Not relevant | 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 | Not relevant | 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 | Not relevant | Sediment (Marine water) | 0.098 mg/kg |
| Butanone | STP | 709 mg/L | Fresh water | 55.8 mg/L |
| CAS: 78-93-3 | Soil | 22.5 mg/kg | Marine water | 55.8 mg/L |
| EC: 201-159-0 | Intermittent | 55.8 mg/L | Sediment (Fresh water) | 284.74 mg/kg |
| | Oral | 1 g/kg | Sediment (Marine water) | 284.7 mg/kg |
| Isobutyl Acetate | STP | 200 mg/L | Fresh water | 0.17 mg/L |
| CAS: 110-19-0 | Soil | 0.075 mg/kg | Marine water | 0.017 mg/L |
| EC: 203-745-1 | Intermittent | 0.34 mg/L | Sediment (Fresh water) | 0.877 mg/kg |
| | Oral | Not relevant | Sediment (Marine water) | 0.088 mg/kg |
| 4-hydroxy-4-methylpentan-2-one | STP | 100 mg/L | Fresh water | 2 mg/L |
| CAS: 123-42-2 | Soil | 0.3 mg/kg | Marine water | 0.2 mg/L |
| EC: 204-626-7 | Intermittent | 1 mg/L | Sediment (Fresh water) | 7.4 mg/kg |
| | Oral | Not relevant | Sediment (Marine water) | 0.74 mg/kg |
| 2-butoxyethanol | STP | 463 mg/L | Fresh water | 8.8 mg/L |
| CAS: 111-76-2 | Soil | 2.33 mg/kg | Marine water | 0.88 mg/L |
| EC: 203-905-0 | Intermittent | 26.4 mg/L | Sediment (Fresh water) | 34.6 mg/kg |
| | Oral | 0.02 g/kg | Sediment (Marine water) | 3.46 mg/kg |
| Pentan-2-one | STP | 0.25 mg/L | Fresh water | 0.11 mg/L |
| CAS: 107-87-9 | Soil | 0.079 mg/kg | Marine water | 0.011 mg/L |
| EC: 203-528-1 | Intermittent | 1.1 mg/L | Sediment (Fresh water) | 0.717 mg/kg |
| | Oral | Not relevant | Sediment (Marine water) | 0.072 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 | Not relevant | Sediment (Marine water) | 0.329 mg/kg |
| 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 | Not relevant | Sediment (Marine water) | 12.46 mg/kg |
| 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 |

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | | | |
|---|---|---|---|---|
| 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 | Not relevant | Sediment (Marine water) | 0.83 mg/kg |
| maleic anhydride | STP | 44.6 mg/L | Fresh water | 0.038 mg/L |
| CAS: 108-31-6 | Soil | 0.037 mg/kg | Marine water | 0.004 mg/L |
| EC: 203-571-6 | Intermittent | 0.379 mg/L | Sediment (Fresh water) | 0.296 mg/kg |
| | Oral | Not relevant | Sediment (Marine water) | 0.03 mg/kg |

**8.2 Exposure controls:**

A.- Individual protection measures, such as personal protective equipment

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 (Filter type: AX) | CE CAT III | EN 149:2001+A1:2010<br>EN 405:2002+A1:2010<br>EN ISO 136:1998 | 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 | Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm) | CE CAT III | EN ISO 21420:2020 | Replace the gloves at any sign of deterioration. |

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.- Eye and face protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---|---|---|---|---|
|  Mandatory face protection | Face shield | CE CAT II | EN 166:2002<br>UNE-EN ISO 18526-1 al 4:2020<br>UNE-EN ISO 18526-1 al 4:2020<br>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 | CE CAT III | EN 1149-1,2,3<br>EN 13034:2005+A1:2009<br>EN ISO 13982-1:2005/A1:2011<br>EN ISO 6529:2013<br>EN ISO 6530:2005<br>EN ISO 13688:2013<br>EN 464:1995 | 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 | CE CAT III | EN ISO 13287:2020<br>EN ISO 20345:2022<br>EN 13832-1:2019 | Replace boots at any sign of deterioration. |

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

- CONTINUED ON NEXT PAGE -

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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

**Environmental exposure controls:**

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

**Volatile organic compounds:**

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

| | |
|---|---|
| V.O.C. (Supply): | 88.82 % weight |
| V.O.C. density at 20 ºC: | 722.15 kg/m³ (722.15 g/L) |
| Average carbon number: | 4.67 |
| Average molecular weight: | 89.1 g/mol |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

| | |
|---|---|
| Physical state at 20 ºC: | Aerosol |
| Appearance: | Not relevant * |
| Color: | According to the markings on the package |
| Odor: | Not relevant * |
| Odour threshold: | Not relevant * |

**Volatility:**

| | |
|---|---|
| Boiling point at atmospheric pressure: | -25 ºC (Propellant) |
| Vapour pressure at 20 ºC: | Not relevant * |
| Vapour pressure at 50 ºC: | <300000 Pa (300 kPa) |
| Evaporation rate at 20 ºC: | Not relevant * |

**Product description:**

| | |
|---|---|
| Density at 20 ºC: | 813 kg/m³ |
| Relative density at 20 ºC: | 0.813 |
| Dynamic viscosity at 20 ºC: | Not relevant * |
| Kinematic viscosity at 20 ºC: | Not relevant * |
| Kinematic viscosity at 40 ºC: | Not relevant * |
| Concentration: | Not relevant * |
| pH: | Not relevant * |
| Vapour density at 20 ºC: | Not relevant * |
| Partition coefficient n-octanol/water 20 ºC: | Not relevant * |
| Solubility in water at 20 ºC: | Not relevant * |
| Solubility properties: | Not relevant * |
| Decomposition temperature: | Not relevant * |
| Melting point/freezing point: | Not relevant * |
| Recipient pressure: | Not relevant * |

**Flammability:**

*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)

| | |
|---|---|
| Flash Point: | -41 ºC (Propellant) |
| Flammability (solid, gas): | Not relevant * |
| Autoignition temperature: | 240 ºC (Propellant) |
| Lower flammability limit: | Not relevant * |
| Upper flammability limit: | Not relevant * |
| **Particle characteristics:** | |
| Median equivalent diameter: | Not relevant * |

**9.2 Other information:**

**Information with regard to physical hazard classes:**

| | |
|---|---|
| Explosive properties: | Not relevant * |
| Oxidising properties: | Not relevant * |
| Corrosive to metals: | Not relevant * |
| Heat of combustion: | Not relevant * |
| Aerosols-total percentage (by mass) of flammable components: | Not relevant * |
| **Other safety characteristics:** | |
| Surface tension at 20 ºC: | Not relevant * |
| Refraction index: | Not relevant * |

*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 from Safety Data Sheet.

**10.2 Chemical stability:**

Chemically stable under the indicated 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 |
|---|---|---|---|---|
| Precaution | Precaution | 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 |

**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 ($CO_2$), carbon monoxide and other organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

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:**

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## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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, however, it contains 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 hazardous 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 hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

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 hazardous 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. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.
  IARC: 2-butoxyethanol (3); 4-methylpentan-2-one (2B); Titanium dioxide (2B); Ethylbenzene (2B); Xylene (3); Diiron trioxide (3); Carbon black (2B)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: 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.
- Skin: 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 contains substances classified as hazardous for inhalation. 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 hazardous for this effect. For more information see section 3.

**Other information:**

Not relevant

**Specific toxicology information on the substances:**

| Identification | Acute toxicity | | Genus |
|---|---|---|---|
| Dimethyl ether<br>CAS: 115-10-6<br>EC: 204-065-8 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation gases | 164000 ppm (4 h) | Rat |
| 4-hydroxy-4-methylpentan-2-one<br>CAS: 123-42-2<br>EC: 204-626-7 | LD50 oral | 3002 mg/kg | Rat |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation vapour | >20 mg/L | |
| 2-butoxyethanol<br>CAS: 111-76-2<br>EC: 203-905-0 | LD50 oral | 1200 mg/kg | Rat |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation vapour | 3 mg/L | |

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## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

| Identification | Acute toxicity | | Genus |
|---|---|---|---|
| N-butyl acetate<br>CAS: 123-86-4<br>EC: 204-658-1 | LD50 oral | 12789 mg/kg | Rat |
| | LD50 dermal | 14112 mg/kg | Rabbit |
| | LC50 inhalation vapour | 23.4 mg/L (4 h) | Rat |
| Butanone<br>CAS: 78-93-3<br>EC: 201-159-0 | LD50 oral | 4000 mg/kg | Rat |
| | LD50 dermal | 6400 mg/kg | Rabbit |
| | LC50 inhalation vapour | 23.5 mg/L (4 h) | Rat |
| Pentan-2-one<br>CAS: 107-87-9<br>EC: 203-528-1 | LD50 oral | 500 mg/kg | Rat |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation vapour | >20 mg/L | |
| acetone<br>CAS: 67-64-1<br>EC: 200-662-2 | LD50 oral | 5800 mg/kg | Rat |
| | LD50 dermal | 7426 mg/kg | Rabbit |
| | LC50 inhalation vapour | 76 mg/L (4 h) | Rat |
| Isobutyl Acetate<br>CAS: 110-19-0<br>EC: 203-745-1 | LD50 oral | 13413 mg/kg | Rat |
| | LD50 dermal | 17400 mg/kg | Rabbit |
| | LC50 inhalation vapour | >20 mg/L | |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9 | LD50 oral | 8532 mg/kg | Rat |
| | LD50 dermal | >5000 mg/kg | Rat |
| | LC50 inhalation vapour | 30 mg/L (4 h) | Rat |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7 | LD50 oral | 2100 mg/kg | Rat |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation vapour | 17 mg/L | Rat |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4 | LD50 oral | 3500 mg/kg | Rat |
| | LD50 dermal | 15354 mg/kg | Rabbit |
| | LC50 inhalation vapour | 17.2 mg/L | Rat |
| 4-methylpentan-2-one<br>CAS: 108-10-1<br>EC: 203-550-1 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation vapour | 11 mg/L | |
| maleic anhydride<br>CAS: 108-31-6<br>EC: 203-571-6 | LD50 oral | 1090 mg/kg | Rat |
| | LD50 dermal | >2000 mg/kg | |
| | LC50 inhalation dust | >5 mg/L | |

Only the physical form mist can occur during any reasonably expected use of the product, including when the product is used to produce a new product.

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

**Other information**

Not relevant

## SECTION 12: ECOLOGICAL INFORMATION

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

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

**12.1 Toxicity:**

**Acute toxicity:**

| Identification | Concentration | | Species | Genus |
|---|---|---|---|---|
| acetone | LC50 | 5540 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| CAS: 67-64-1 | EC50 | 8800 mg/L (48 h) | Daphnia pulex | Crustacean |
| EC: 200-662-2 | EC50 | 3400 mg/L (48 h) | Chlorella pyrenoidosa | Algae |

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## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Concentration | | Species | Genus |
|---|---|---|---|---|
| N-butyl acetate | LC50 | Not relevant | | |
| CAS: 123-86-4 | EC50 | Not relevant | | |
| EC: 204-658-1 | EC50 | 675 mg/L (72 h) | Scenedesmus subspicatus | Algae |
| Butanone | LC50 | 3220 mg/L (96 h) | Pimephales promelas | Fish |
| CAS: 78-93-3 | EC50 | 5091 mg/L (48 h) | Daphnia magna | Crustacean |
| EC: 201-159-0 | EC50 | 4300 mg/L (168 h) | Scenedesmus quadricauda | Algae |
| Isobutyl Acetate | LC50 | 120 mg/L (48 h) | Leuciscus idus | Fish |
| CAS: 110-19-0 | EC50 | 168 mg/L (24 h) | Daphnia magna | Crustacean |
| EC: 203-745-1 | EC50 | 80 mg/L (8 h) | Scenedesmus quadricauda | Algae |
| 4-hydroxy-4-methylpentan-2-one | LC50 | 110 mg/L (96 h) | Oryzias latipes | Fish |
| CAS: 123-42-2 | EC50 | 1000 mg/L (48 h) | Daphnia magna | Crustacean |
| EC: 204-626-7 | EC50 | 1000 mg/L (72 h) | Pseudokirchneriella subcapitata | Algae |
| 2-butoxyethanol | LC50 | 1490 mg/L (96 h) | Lepomis macrochirus | Fish |
| CAS: 111-76-2 | EC50 | 1815 mg/L (48 h) | Daphnia magna | Crustacean |
| EC: 203-905-0 | EC50 | 911 mg/L (72 h) | Pseudokirchneriella subcapitata | 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 | Not relevant | | |
| Xylene | LC50 | >10 - 100 mg/L (96 h) | | Fish |
| CAS: 1330-20-7 | EC50 | >10 - 100 mg/L (48 h) | | Crustacean |
| EC: 215-535-7 | EC50 | >10 - 100 mg/L (72 h) | | 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 |
| 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 |

**Chronic toxicity:**

| Identification | Concentration | | Species | Genus |
|---|---|---|---|---|
| acetone | NOEC | Not relevant | | |
| CAS: 67-64-1 EC: 200-662-2 | NOEC | 2212 mg/L | Daphnia magna | Crustacean |
| N-butyl acetate | NOEC | Not relevant | | |
| CAS: 123-86-4 EC: 204-658-1 | NOEC | 23.2 mg/L | Daphnia magna | Crustacean |
| Isobutyl Acetate | NOEC | Not relevant | | |
| CAS: 110-19-0 EC: 203-745-1 | NOEC | 23.2 mg/L | Daphnia magna | Crustacean |
| 4-hydroxy-4-methylpentan-2-one | NOEC | Not relevant | | |
| CAS: 123-42-2 EC: 204-626-7 | NOEC | 100 mg/L | Daphnia magna | Crustacean |
| 2-butoxyethanol | NOEC | 100 mg/L | Danio rerio | Fish |
| CAS: 111-76-2 EC: 203-905-0 | NOEC | 100 mg/L | Daphnia magna | Crustacean |
| 2-methoxy-1-methylethyl acetate | NOEC | 47.5 mg/L | Oryzias latipes | Fish |
| CAS: 108-65-6 EC: 203-603-9 | NOEC | 100 mg/L | Daphnia magna | Crustacean |
| Xylene | NOEC | 1.3 mg/L | Oncorhynchus mykiss | Fish |
| CAS: 1330-20-7 EC: 215-535-7 | NOEC | 1.17 mg/L | Ceriodaphnia dubia | Crustacean |
| Ethylbenzene | NOEC | Not relevant | | |
| CAS: 100-41-4 EC: 202-849-4 | NOEC | 0.96 mg/L | Ceriodaphnia dubia | Crustacean |
| 4-methylpentan-2-one | NOEC | Not relevant | | |
| CAS: 108-10-1 EC: 203-550-1 | NOEC | 78 mg/L | Daphnia magna | Crustacean |

**12.2 Persistence and degradability:**

**Substance-specific information:**

- CONTINUED ON NEXT PAGE -



## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Degradability | | Biodegradability | |
|---|---|---|---|---|
| acetone | BOD5 | Not relevant | Concentration | 100 mg/L |
| CAS: 67-64-1 | COD | Not relevant | Period | 28 days |
| EC: 200-662-2 | BOD5/COD | Not relevant | % Biodegradable | 96 % |
| N-butyl acetate | BOD5 | Not relevant | Concentration | Not relevant |
| CAS: 123-86-4 | COD | Not relevant | Period | 5 days |
| EC: 204-658-1 | BOD5/COD | Not relevant | % Biodegradable | 84 % |
| Butanone | BOD5 | 2.03 g O2/g | Concentration | Not relevant |
| CAS: 78-93-3 | COD | 2.31 g O2/g | Period | 20 days |
| EC: 201-159-0 | BOD5/COD | 0.88 | % Biodegradable | 89 % |
| Isobutyl Acetate | BOD5 | Not relevant | Concentration | Not relevant |
| CAS: 110-19-0 | COD | Not relevant | Period | 20 days |
| EC: 203-745-1 | BOD5/COD | Not relevant | % Biodegradable | 81 % |
| 4-hydroxy-4-methylpentan-2-one | BOD5 | Not relevant | Concentration | 57.5 mg/L |
| CAS: 123-42-2 | COD | Not relevant | Period | 28 days |
| EC: 204-626-7 | BOD5/COD | Not relevant | % Biodegradable | 98.51 % |
| 2-butoxyethanol | BOD5 | 0.71 g O2/g | Concentration | 100 mg/L |
| CAS: 111-76-2 | COD | 2.2 g O2/g | Period | 14 days |
| EC: 203-905-0 | BOD5/COD | 0.32 | % Biodegradable | 96 % |
| 2-methoxy-1-methylethyl acetate | BOD5 | Not relevant | Concentration | 785 mg/L |
| CAS: 108-65-6 | COD | Not relevant | Period | 8 days |
| EC: 203-603-9 | BOD5/COD | Not relevant | % Biodegradable | 100 % |
| Xylene | BOD5 | Not relevant | Concentration | Not relevant |
| CAS: 1330-20-7 | COD | Not relevant | Period | 28 days |
| EC: 215-535-7 | BOD5/COD | Not relevant | % Biodegradable | 88 % |
| Ethylbenzene | BOD5 | Not relevant | Concentration | 100 mg/L |
| CAS: 100-41-4 | COD | Not relevant | Period | 14 days |
| EC: 202-849-4 | BOD5/COD | Not relevant | % Biodegradable | 90 % |
| 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 % |
| maleic anhydride | BOD5 | Not relevant | Concentration | 33.33 mg/L |
| CAS: 108-31-6 | COD | Not relevant | Period | 29 days |
| EC: 203-571-6 | BOD5/COD | Not relevant | % Biodegradable | 98.19 % |

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

| Identification | Bioaccumulation 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 |
| Butanone | BCF | 3 |
| CAS: 78-93-3 | Pow Log | 0.29 |
| EC: 201-159-0 | Potential | Low |
| Isobutyl Acetate | BCF | 10 |
| CAS: 110-19-0 | Pow Log | 1.78 |
| EC: 203-745-1 | Potential | Low |
| 4-hydroxy-4-methylpentan-2-one | BCF | 0.5 |
| CAS: 123-42-2 | Pow Log | |
| EC: 204-626-7 | Potential | Low |

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## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Bioaccumulation potential | |
|---|---|---|
| 2-butoxyethanol | BCF | 3 |
| CAS: 111-76-2 | Pow Log | 0.83 |
| EC: 203-905-0 | Potential | Low |
| 2-methoxy-1-methylethyl acetate | BCF | 1 |
| CAS: 108-65-6 | Pow Log | 0.43 |
| EC: 203-603-9 | 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 |
| 4-methylpentan-2-one | BCF | 2 |
| CAS: 108-10-1 | Pow Log | 1.31 |
| EC: 203-550-1 | Potential | Low |
| maleic anhydride | BCF | |
| CAS: 108-31-6 | Pow Log | -2.61 |
| EC: 203-571-6 | Potential | |

### 12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|---|---|---|---|---|
| Dimethyl ether | Koc | Not relevant | Henry | Not relevant |
| CAS: 115-10-6 | Conclusion | Not relevant | Dry soil | Not relevant |
| EC: 204-065-8 | Surface tension | 1.136E-2 N/m (25 ºC) | Moist soil | Not relevant |
| 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 ºC) | Moist soil | Yes |
| N-butyl acetate | Koc | Not relevant | Henry | Not relevant |
| CAS: 123-86-4 | Conclusion | Not relevant | Dry soil | Not relevant |
| EC: 204-658-1 | Surface tension | 2.478E-2 N/m (25 ºC) | Moist soil | Not relevant |
| Butanone | Koc | 30 | Henry | 5.77 Pa·m³/mol |
| CAS: 78-93-3 | Conclusion | Very High | Dry soil | Yes |
| EC: 201-159-0 | Surface tension | 2.396E-2 N/m (25 ºC) | Moist soil | Yes |
| Isobutyl Acetate | Koc | Not relevant | Henry | Not relevant |
| CAS: 110-19-0 | Conclusion | Not relevant | Dry soil | Not relevant |
| EC: 203-745-1 | Surface tension | 2.297E-2 N/m (25 ºC) | Moist soil | Not relevant |
| 4-hydroxy-4-methylpentan-2-one | Koc | 1 | Henry | Not relevant |
| CAS: 123-42-2 | Conclusion | Very High | Dry soil | Not relevant |
| EC: 204-626-7 | Surface tension | 2.963E-2 N/m (25 ºC) | Moist soil | Not relevant |
| 2-butoxyethanol | Koc | 8 | Henry | 1.621E-1 Pa·m³/mol |
| CAS: 111-76-2 | Conclusion | Very High | Dry soil | Not relevant |
| EC: 203-905-0 | Surface tension | 2.729E-2 N/m (25 ºC) | Moist soil | Yes |
| Pentan-2-one | Koc | Not relevant | Henry | Not relevant |
| CAS: 107-87-9 | Conclusion | Not relevant | Dry soil | Not relevant |
| EC: 203-528-1 | Surface tension | 2.448E-2 N/m (25 ºC) | Moist soil | Not relevant |
| Xylene | Koc | 202 | Henry | 524.86 Pa·m³/mol |
| CAS: 1330-20-7 | Conclusion | Moderate | Dry soil | Yes |
| EC: 215-535-7 | Surface tension | Not relevant | 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 ºC) | Moist soil | Yes |
| 4-methylpentan-2-one | Koc | Not relevant | Henry | Not relevant |
| CAS: 108-10-1 | Conclusion | Not relevant | Dry soil | Not relevant |
| EC: 203-550-1 | Surface tension | 2.35E-2 N/m (25 ºC) | Moist soil | Not relevant |

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## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Absorption/desorption | | Volatility | |
|---|---|---|---|---|
| maleic anhydride | Koc | 42 | Henry | 0E+0 Pa·m³/mol |
| CAS: 108-31-6 | Conclusion | Very High | Dry soil | Not relevant |
| EC: 203-571-6 | Surface tension | 1.673E-2 N/m (250.21 ºC) | Moist soil | Not relevant |

**12.5 Results of PBT and vPvB assessment:**

Product does not meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product does not meet the criteria.

**12.7 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 | Hazardous |

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

HP3 Flammable, HP4 Irritant — skin irritation and eye damage

**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/EU) 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-hazardous residue. Waste should not be disposed of to drains. 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 2023 and RID 2023:




| | | |
|---|---|---|
| **14.1** | **UN number or ID number:** | UN1950 |
| **14.2** | **UN proper shipping name:** | AEROSOLS |
| **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** | |
| | Special regulations: | 190, 327, 344, 625 |
| | Tunnel restriction code: | D |
| | Physico-Chemical properties: | see section 9 |
| | Limited quantities: | 1 L |
| **14.7** | **Maritime transport in bulk according to IMO instruments:** | Not relevant |

**Transport of dangerous goods by sea:**

With regard to IMDG 41-22:

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## SECTION 14: TRANSPORT INFORMATION (continued)




| | | |
|---|---|---|
| **14.1** | **UN number or ID number:** | UN1950 |
| **14.2** | **UN proper shipping name:** | AEROSOLS |
| **14.3** | **Transport hazard class(es):** | 2 |
| | Labels: | 2.1 |
| **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: | Not relevant |
| **14.7** | **Maritime transport in bulk according to IMO instruments:** | Not relevant |

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2025:




| | | |
|---|---|---|
| **14.1** | **UN number or ID number:** | UN1950 |
| **14.2** | **UN proper shipping name:** | AEROSOLS |
| **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 |
| **14.7** | **Maritime transport in bulk according to IMO instruments:** | Not relevant |

## SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

**Seveso III:**

| Section | Description | Lower-tier requirements | Upper-tier requirements |
|---|---|---|---|
| P3a | | 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. However, products that contain explosives precursors only to such a small extent and in such complex mixtures that the extraction of the explosives precursors is technically extremely difficult should be excluded from the scope of this Regulation.
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.

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## SECTION 15: REGULATORY INFORMATION (continued)

**Other legislation:**

Chemicals (Amendment) Act 2010 (No. 32 of 2010) as amended by S.I. No. 623/2015- Safety, Health and Welfare at Work (Chemical Agents) (Amendment) Regulations 2015
Chemicals Act 2008 (No. 13 of 2008)
Safety, Health and Welfare (chemical agents) (amendment) regulations 2021 (S.I. No. 232 of 2021) and associated Code of Practice
Chemical Agents Regulations (S.I. No. 619 of 2001)
European Communities (Waste Directive) Regulations, S.I. No. 126 of 2011
S.I. No. 315/2016 - European Union (Waste Directive) (Amendment) Regulations 2016.
S.I. No. 323/2020 - European Union (Waste Directive) Regulations 2020
Chemicals Act (Control of Major Accident Hazards involving Dangerous Substances) Regulations 2015 (S.I. No. 209 of 2015)
The Chemicals Act (CLP Regulation) Regulations 2011 (S.I. No. 102 of 2011)

**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:**

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 (COMMISSION REGULATION (EU) 2020/878)

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

Not relevant

**Texts of the legislative phrases mentioned in section 2:**

H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated.

**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. 3: H331 - Toxic if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.
Acute Tox. 4: H332 - Harmful if inhaled.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Carc. 2: H351 - Suspected of causing cancer.
Eye Dam. 1: H318 - Causes serious eye damage.
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.
Repr. 2: H361 - Suspected of damaging fertility or the unborn child.
Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation).
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:**

Eye Irrit. 2: Calculation method
STOT SE 3: Calculation method
Aerosol 1: Calculation method
Aerosol 1: Calculation method

**Advice related to training:**

- CONTINUED ON NEXT PAGE -



## SECTION 16: OTHER INFORMATION (continued)

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: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

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.

- END OF SAFETY DATA SHEET -