# SPRAY FILLER

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

**1.1 Product identifier:** SPRAY FILLER

**Other means of identification:**

**UFI:** XT3T-30SK-6007-6A0T

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

Relevant uses: Products for ships, boats, ... (construction, repair, ...)

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:**

Troton Sp. z o.o.
Ząbrowo 14A
78-120 Gościno - Zachodniopomorskie - Polska
Phone: +48 94 35 123 94 - Fax: +48 94 35 126 22
troton@troton.com.pl
www.troton.pl / www.troton.eu

**1.4 Emergency telephone number:** ( 8am-4pm)+48 094 35 123 94; 112

## 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.

Eye Irrit. 2: Eye irritation, Category 2, H319
Flam. Liq. 3: Flammable liquids, Category 3, H226
Repr. 2: Reproductive toxicity, Category 2, H361d
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
STOT RE 1: Specific target organ toxicity — Repeated exposure, Hazard Category 1, H372

**2.2 Label elements:**

**CLP Regulation (EC) No 1272/2008:**

**Danger**



**Hazard statements:**

Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Repr. 2: H361d - Suspected of damaging the unborn child.
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.

**Precautionary statements:**

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.
P302+P352: IF ON SKIN: Wash with plenty of water.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P308: IF exposed or concerned:
P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

**Supplementary information:**

EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**Substances that contribute to the classification**

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## SECTION 2: HAZARDS IDENTIFICATION (continued)

styrene; Cobalt bis(2-ethylhexanoate)

**2.3 Other hazards:**

Product fails to meet PBT/vPvB criteria
Endocrine-disrupting properties: The product fails to meet the criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substance:**

Non-applicable

**3.2 Mixture:**

**Chemical description:** Mixture composed of chemical products

**Components:**

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

| Identification | Chemical name/Classification | | Concentration |
|---|---|---|---|
| CAS: 100-42-5<br>EC: 202-851-5<br>Index: 601-026-00-0<br>REACH: 01-2119457861-32-XXXX | **styrene[1]** | ATP ATP06 | **25 - <50 %** |
| | Regulation 1272/2008 | Acute Tox. 4: H332; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 1: H372 - Danger | |
| CAS: 7727-43-7<br>EC: 231-784-4<br>Index: Non-applicable<br>REACH: 01-2119491274-35-XXXX | **Barium Sulfate[2]** | Not classified | **5 - <10 %** |
| | Regulation 1272/2008 | | |
| CAS: 141-78-6<br>EC: 205-500-4<br>Index: 607-022-00-5<br>REACH: 01-2119475103-46-XXXX | **Ethyl acetate[1]** | ATP CLP00 | **2,5 - <5 %** |
| | Regulation 1272/2008 | Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger | |
| CAS: 13463-67-7<br>EC: 236-675-5<br>Index: Non-applicable<br>REACH: 01-2119489379-17-XXXX | **Titanium dioxide (aerodynamic diameter ≤ 10 µm)[1]** | Self-classified | **2,5 - <5 %** |
| | Regulation 1272/2008 | Carc. 2: H351 - Warning | |
| CAS: 136-52-7<br>EC: 205-250-6<br>Index: Non-applicable<br>REACH: 01-2119524678-29-XXXX | **Cobalt bis(2-ethylhexanoate)[1]** | Self-classified | **<1 %** |
| | Regulation 1272/2008 | Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Repr. 1B: H360; Skin Sens. 1A: H317 - Danger | |
| CAS: 14808-60-7<br>EC: 238-878-4<br>Index: Non-applicable<br>REACH: Non-applicable | **Quartz (1 %< RCS < 10%)[2]** | Self-classified | **<1 %** |
| | Regulation 1272/2008 | STOT RE 2: H373 - Warning | |
| CAS: 1330-20-7<br>EC: 215-535-7<br>Index: 601-022-00-9<br>REACH: 01-2119488216-32-XXXX | **Xylene[2]** | Self-classified | **<1 %** |
| | 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 | |
| CAS: 100-41-4<br>EC: 202-849-4<br>Index: 601-023-00-4<br>REACH: 01-2119489370-35-XXXX | **Ethylbenzene[2]** | ATP ATP06 | **<1 %** |
| | Regulation 1272/2008 | Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger | |
| 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 ATP15 | **<1 %** |
| | Regulation 1272/2008 | Acute Tox. 4: H302+H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning | |
| CAS: 108-88-3<br>EC: 203-625-9<br>Index: 601-021-00-3<br>REACH: 01-2119471310-51-XXXX | **Toluene[2]** | ATP CLP00 | **<1 %** |
| | Regulation 1272/2008 | Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336 - Danger | |

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

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

- CONTINUED ON NEXT PAGE -

## 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:**

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 water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for 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 ($CO_2$).

**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:**

**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. 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.

- CONTINUED ON NEXT PAGE -

## SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

**For emergency responders:**

See section 8.

**6.2 Environmental precautions:**

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

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

It is recommended:

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

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,…) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in designated areas that comply with the necessary safety conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to small amounts only. 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.: | 10 ºC |
| Maximum Temp.: | 25 ºC |
| Maximum time: | 12 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):

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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 | | |
|---|---|---|---|
| Barium Sulfate | IOELV (8h) | | 0,5 mg/m³ |
| CAS: 7727-43-7 EC: 231-784-4 | IOELV (STEL) | | |
| Ethyl acetate | IOELV (8h) | 200 ppm | 734 mg/m³ |
| CAS: 141-78-6 EC: 205-500-4 | IOELV (STEL) | 400 ppm | 1468 mg/m³ |
| Quartz (1 %< RCS < 10%) | IOELV (8h) | | 0,1 mg/m³ |
| CAS: 14808-60-7 EC: 238-878-4 | IOELV (STEL) | | |
| Xylene | IOELV (8h) | 50 ppm | 221 mg/m³ |
| CAS: 1330-20-7 EC: 215-535-7 | IOELV (STEL) | 100 ppm | 442 mg/m³ |
| Ethylbenzene | IOELV (8h) | 100 ppm | 442 mg/m³ |
| CAS: 100-41-4 EC: 202-849-4 | IOELV (STEL) | 200 ppm | 884 mg/m³ |
| 2-butoxyethanol | IOELV (8h) | 20 ppm | 98 mg/m³ |
| CAS: 111-76-2 EC: 203-905-0 | IOELV (STEL) | 50 ppm | 246 mg/m³ |
| Toluene | IOELV (8h) | 50 ppm | 192 mg/m³ |
| CAS: 108-88-3 EC: 203-625-9 | IOELV (STEL) | 100 ppm | 384 mg/m³ |

**DNEL (Workers):**

| Identification | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| styrene | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 100-42-5 | Dermal | Non-applicable | Non-applicable | 406 mg/kg | Non-applicable |
| EC: 202-851-5 | Inhalation | 289 mg/m³ | 306 mg/m³ | 85 mg/m³ | Non-applicable |
| Barium Sulfate | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 7727-43-7 | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| EC: 231-784-4 | Inhalation | Non-applicable | Non-applicable | 10 mg/m³ | 10 mg/m³ |
| Ethyl acetate | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 141-78-6 | Dermal | Non-applicable | Non-applicable | 63 mg/kg | Non-applicable |
| EC: 205-500-4 | Inhalation | 1468 mg/m³ | 1468 mg/m³ | 734 mg/m³ | 734 mg/m³ |
| Cobalt bis(2-ethylhexanoate) | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 136-52-7 | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| EC: 205-250-6 | Inhalation | Non-applicable | Non-applicable | Non-applicable | 0,2351 mg/m³ |
| 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/m³ | 442 mg/m³ | 221 mg/m³ | 221 mg/m³ |
| 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/m³ | 77 mg/m³ | Non-applicable |
| 2-butoxyethanol | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 111-76-2 | Dermal | 89 mg/kg | Non-applicable | 125 mg/kg | Non-applicable |
| EC: 203-905-0 | Inhalation | 1091 mg/m³ | 246 mg/m³ | 98 mg/m³ | Non-applicable |
| Toluene | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 108-88-3 | Dermal | Non-applicable | Non-applicable | 384 mg/kg | Non-applicable |
| EC: 203-625-9 | Inhalation | 384 mg/m³ | 384 mg/m³ | 192 mg/m³ | 192 mg/m³ |

**DNEL (General population):**

| Identification | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| styrene | Oral | Non-applicable | Non-applicable | 2,1 mg/kg | Non-applicable |
| CAS: 100-42-5 | Dermal | Non-applicable | Non-applicable | 343 mg/kg | Non-applicable |
| EC: 202-851-5 | Inhalation | 174,25 mg/m³ | 182,75 mg/m³ | 10,2 mg/m³ | Non-applicable |
| Barium Sulfate | Oral | Non-applicable | Non-applicable | 13000 mg/kg | Non-applicable |
| CAS: 7727-43-7 | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| EC: 231-784-4 | Inhalation | Non-applicable | Non-applicable | 10 mg/m³ | Non-applicable |

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

| Identification | | Short exposure | | Long exposure | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| Ethyl acetate | Oral | Non-applicable | Non-applicable | 4,5 mg/kg | Non-applicable |
| CAS: 141-78-6 | Dermal | Non-applicable | Non-applicable | 37 mg/kg | Non-applicable |
| EC: 205-500-4 | Inhalation | 734 mg/m³ | 734 mg/m³ | 367 mg/m³ | 367 mg/m³ |
| Cobalt bis(2-ethylhexanoate) | Oral | Non-applicable | Non-applicable | 0,175 mg/kg | Non-applicable |
| CAS: 136-52-7 | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| EC: 205-250-6 | Inhalation | Non-applicable | Non-applicable | Non-applicable | 0,037 mg/m³ |
| 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/m³ | 260 mg/m³ | 65,3 mg/m³ | 65,3 mg/m³ |
| 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/m³ | Non-applicable |
| 2-butoxyethanol | Oral | Non-applicable | Non-applicable | 6,3 mg/kg | Non-applicable |
| CAS: 111-76-2 | Dermal | 89 mg/kg | Non-applicable | 75 mg/kg | Non-applicable |
| EC: 203-905-0 | Inhalation | 426 mg/m³ | 147 mg/m³ | 59 mg/m³ | Non-applicable |
| Toluene | Oral | Non-applicable | Non-applicable | 8,13 mg/kg | Non-applicable |
| CAS: 108-88-3 | Dermal | Non-applicable | Non-applicable | 226 mg/kg | Non-applicable |
| EC: 203-625-9 | Inhalation | 226 mg/m³ | 226 mg/m³ | 56,5 mg/m³ | 56,5 mg/m³ |

**PNEC:**

| Identification | | | | |
|---|---|---|---|---|
| styrene | STP | 5 mg/L | Fresh water | 0,028 mg/L |
| CAS: 100-42-5 | Soil | 0,2 mg/kg | Marine water | 0,014 mg/L |
| EC: 202-851-5 | Intermittent | 0,04 mg/L | Sediment (Fresh water) | 0,614 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,307 mg/kg |
| Barium Sulfate | STP | 62,2 mg/L | Fresh water | 0,115 mg/L |
| CAS: 7727-43-7 | Soil | 207,7 mg/kg | Marine water | Non-applicable |
| EC: 231-784-4 | Intermittent | Non-applicable | Sediment (Fresh water) | 600,4 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | Non-applicable |
| Ethyl acetate | STP | 650 mg/L | Fresh water | 0,24 mg/L |
| CAS: 141-78-6 | Soil | 0,148 mg/kg | Marine water | 0,024 mg/L |
| EC: 205-500-4 | Intermittent | 1,65 mg/L | Sediment (Fresh water) | 1,15 mg/kg |
| | Oral | 0,2 g/kg | Sediment (Marine water) | 0,115 mg/kg |
| Cobalt bis(2-ethylhexanoate) | STP | 0,37 mg/L | Fresh water | 0,00062 mg/L |
| CAS: 136-52-7 | Soil | 10,9 mg/kg | Marine water | 0,00236 mg/L |
| EC: 205-250-6 | Intermittent | Non-applicable | Sediment (Fresh water) | 53,8 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 69,8 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 | Non-applicable | 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 |
| 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 |

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

| Identification | | | | |
|---|---|---|---|---|
| Toluene | STP | 13,61 mg/L | Fresh water | 0,68 mg/L |
| CAS: 108-88-3 | Soil | 2,89 mg/kg | Marine water | 0,68 mg/L |
| EC: 203-625-9 | Intermittent | 0,68 mg/L | Sediment (Fresh water) | 16,39 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 16,39 mg/kg |

**8.2 Exposure controls:**

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

In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 2016/425/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional 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 and vapours | CE CAT III | EN 405:2002+A1:2010 | Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. |

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 420:2004+A1:2010 | 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.- Ocular and facial protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---|---|---|---|---|
|  Mandatory face protection | Face shield | CE CAT II | EN 166:2002<br>EN 167:2002<br>EN 168:2002<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 13982-1:2004/A1:2010<br>EN ISO 6529:2013<br>EN ISO 6530:2005<br>EN ISO 13688:2013<br>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 | CE CAT III | EN ISO 13287:2013<br>EN ISO 20345:2011<br>EN 13832-1:2019 | Replace boots at any sign of deterioration. |

F.- Additional emergency measures

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## 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:**

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:

| | |
|---|---|
| V.O.C. (Supply): | 31,05 % weight |
| V.O.C. density at 20 ºC: | 437 kg/m³ (437 g/L) |
| Average carbon number: | 7,45 |
| Average molecular weight: | 102,19 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: | Liquid |
| Appearance: | Opaque |
| Colour: | According to the markings on the package |
| Odour: | Characteristic |
| Odour threshold: | Non-applicable * |

**Volatility:**

| | |
|---|---|
| Boiling point at atmospheric pressure: | 120 ºC |
| Vapour pressure at 20 ºC: | 2297 Pa |
| Vapour pressure at 50 ºC: | 11306,6 Pa (11,31 kPa) |
| Evaporation rate at 20 ºC: | Non-applicable * |

**Product description:**

| | |
|---|---|
| Density at 20 ºC: | 1550 kg/m³ |
| Relative density at 20 ºC: | 1,55 |
| Dynamic viscosity at 20 ºC: | Non-applicable * |
| Kinematic viscosity at 20 ºC: | Non-applicable * |
| Kinematic viscosity at 40 ºC: | Non-applicable * |
| Concentration: | Non-applicable * |
| pH: | Non-applicable * |
| Vapour density at 20 ºC: | Non-applicable * |
| Partition coefficient n-octanol/water 20 ºC: | Non-applicable * |
| Solubility in water at 20 ºC: | Non-applicable * |
| Solubility properties: | Non-applicable * |
| Decomposition temperature: | Non-applicable * |
| Melting point/freezing point: | Non-applicable * |

**Flammability:**

| | |
|---|---|
| Flash Point: | 31 ºC |

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

- CONTINUED ON NEXT PAGE -

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

| | |
|---|---|
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature: | 200 ºC |
| Lower flammability limit: | Not available |
| Upper flammability limit: | Not available |
| **Particle characteristics:** | |
| Median equivalent diameter: | Non-applicable |

**9.2 Other information:**

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

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

**10.6 Hazardous decomposition products:**

Contains susbstances highly reactive and can auto-polymerize as a result of internal peroxide accumulation. The peroxides formed in these reactions are extremely shock- and heat-sensitive.

## 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:**

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:

- CONTINUED ON NEXT PAGE -

## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

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.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- 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: styrene (2A); Toluene (3); Xylene (3); Ethylbenzene (2B); Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) (3); 2-butoxyethanol (3); Talc (3); Titanium dioxide (aerodynamic diameter ≤ 10 µm) (2B); Quartz (1 %< RCS < 10%) (1); styrene (2A); Cobalt bis(2-ethylhexanoate) (2B); Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200 -753-7 (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: Suspected of damaging the unborn child.

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: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

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.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Serious health effects in the case of prolonged consumption, including death, serious functional disorders or morphological changes of toxicological importance.
- Skin: 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.

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:**

CAS 13463-67-7 Titanium dioxide (aerodynamic diameter ≤ 10 µm): The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm

**Specific toxicology information on the substances:**

| Identification | Acute toxicity | | Genus |
|---|---|---|---|
| styrene | LD50 oral | >2000 mg/kg | |
| CAS: 100-42-5 | LD50 dermal | >2000 mg/kg | |
| EC: 202-851-5 | LC50 inhalation | 12 mg/L (4 h) | Rat |
| Titanium dioxide (aerodynamic diameter ≤ 10 µm) | LD50 oral | 10000 mg/kg | Rat |
| CAS: 13463-67-7 | LD50 dermal | 10000 mg/kg | Rabbit |
| EC: 236-675-5 | LC50 inhalation | >5 mg/L | |
| Barium Sulfate | LD50 oral | >5000 mg/kg | Rat |
| CAS: 7727-43-7 | LD50 dermal | >2000 mg/kg | |
| EC: 231-784-4 | LC50 inhalation | >5 mg/L | |

- CONTINUED ON NEXT PAGE -

## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

| Identification | Acute toxicity | | Genus |
|---|---|---|---|
| Ethyl acetate | LD50 oral | 4100 mg/kg | Rat |
| CAS: 141-78-6 | LD50 dermal | 20000 mg/kg | Rabbit |
| EC: 205-500-4 | LC50 inhalation | >20 mg/L | |
| Cobalt bis(2-ethylhexanoate) | LD50 oral | >2000 mg/kg | |
| CAS: 136-52-7 | LD50 dermal | >2000 mg/kg | |
| EC: 205-250-6 | LC50 inhalation | >5 mg/L | |
| Quartz (1 %< RCS < 10%) | LD50 oral | >2000 mg/kg | |
| CAS: 14808-60-7 | LD50 dermal | >2000 mg/kg | |
| EC: 238-878-4 | LC50 inhalation | >5 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 |
| 2-butoxyethanol | LD50 oral | 1200 mg/kg | Rat |
| CAS: 111-76-2 | LD50 dermal | 3000 mg/kg | Rabbit |
| EC: 203-905-0 | LC50 inhalation | >20 mg/L | |
| Toluene | LD50 oral | 5580 mg/kg | Rat |
| CAS: 108-88-3 | LD50 dermal | 12124 mg/kg | Rat |
| EC: 203-625-9 | LC50 inhalation | 28,1 mg/L (4 h) | Rat |

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

**Other information**

Non-applicable

## SECTION 12: ECOLOGICAL INFORMATION

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

**12.1 Toxicity:**

**Acute toxicity:**

- CONTINUED ON NEXT PAGE -

## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Concentration | | Species | Genus |
|---|---|---|---|---|
| Barium Sulfate | LC50 | 76000 mg/L (96 h) | Salmo gairdneri | Fish |
| CAS: 7727-43-7 | EC50 | Non-applicable | | |
| EC: 231-784-4 | EC50 | Non-applicable | | |
| Ethyl acetate | LC50 | 230 mg/L (96 h) | Pimephales promelas | Fish |
| CAS: 141-78-6 | EC50 | 717 mg/L (48 h) | Daphnia magna | Crustacean |
| EC: 205-500-4 | EC50 | 3300 mg/L (48 h) | Scenedesmus subspicatus | Algae |
| Cobalt bis(2-ethylhexanoate) | LC50 | >0.1 - 1 (96 h) | | Fish |
| CAS: 136-52-7 | EC50 | >0.1 - 1 (48 h) | | Crustacean |
| EC: 205-250-6 | EC50 | >0.1 - 1 (72 h) | | Algae |
| Xylene | LC50 | >10 - 100 (96 h) | | Fish |
| CAS: 1330-20-7 | EC50 | >10 - 100 (48 h) | | Crustacean |
| EC: 215-535-7 | EC50 | >10 - 100 (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 |
| 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 |
| Toluene | LC50 | 5,5 mg/L (96 h) | Oncorhynchus kisutch | Fish |
| CAS: 108-88-3 | EC50 | 3,78 mg/L (48 h) | Ceriodaphnia dubia | Crustacean |
| EC: 203-625-9 | EC50 | Non-applicable | | |

**Chronic toxicity:**

| Identification | Concentration | | Species | Genus |
|---|---|---|---|---|
| Barium Sulfate | NOEC | 100 mg/L | Danio rerio | Fish |
| CAS: 7727-43-7 EC: 231-784-4 | NOEC | Non-applicable | | |
| Ethyl acetate | NOEC | 9,65 mg/L | Pimephales promelas | Fish |
| CAS: 141-78-6 EC: 205-500-4 | NOEC | 2,4 mg/L | Daphnia magna | Crustacean |
| Cobalt bis(2-ethylhexanoate) | NOEC | 0,21 mg/L | Pimephales promelas | Fish |
| CAS: 136-52-7 EC: 205-250-6 | NOEC | 0,1697 mg/L | Aeolosoma sp. | 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 | Non-applicable | | |
| CAS: 100-41-4 EC: 202-849-4 | NOEC | 0,96 mg/L | Ceriodaphnia dubia | 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 |

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## SECTION 12: ECOLOGICAL INFORMATION (continued)

### 12.2 Persistence and degradability:

| Identification | Degradability | | Biodegradability | |
|---|---|---|---|---|
| Ethyl acetate | BOD5 | 1,36 g O2/g | Concentration | 100 mg/L |
| CAS: 141-78-6 | COD | 1,69 g O2/g | Period | 14 days |
| EC: 205-500-4 | BOD5/COD | 0,8 | % Biodegradable | 83 % |
| 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 % |
| 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 % |
| Toluene | BOD5 | 2,5 g O2/g | Concentration | 100 mg/L |
| CAS: 108-88-3 | COD | Non-applicable | Period | 14 days |
| EC: 203-625-9 | BOD5/COD | Non-applicable | % Biodegradable | 100 % |

### 12.3 Bioaccumulative potential:

| Identification | Bioaccumulation potential | |
|---|---|---|
| Ethyl acetate | BCF | 30 |
| CAS: 141-78-6 | Pow Log | 0.73 |
| EC: 205-500-4 | Potential | Moderate |
| 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 |
| 2-butoxyethanol | BCF | 3 |
| CAS: 111-76-2 | Pow Log | 0.83 |
| EC: 203-905-0 | Potential | Low |
| Toluene | BCF | 90 |
| CAS: 108-88-3 | Pow Log | 2.73 |
| EC: 203-625-9 | Potential | Moderate |

### 12.4 Mobility in soil:

- CONTINUED ON NEXT PAGE -

## SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Absorption/desorption | | Volatility | |
|---|---|---|---|---|
| styrene | Koc | Non-applicable | Henry | Non-applicable |
| CAS: 100-42-5 | Conclusion | Non-applicable | Dry soil | Non-applicable |
| EC: 202-851-5 | Surface tension | 3,21E-2 N/m (25 ºC) | Moist soil | Non-applicable |
| Ethyl acetate | Koc | 59 | Henry | 13,58 Pa·m³/mol |
| CAS: 141-78-6 | Conclusion | Very High | Dry soil | Yes |
| EC: 205-500-4 | Surface tension | 2,324E-2 N/m (25 ºC) | Moist soil | Yes |
| 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 ºC) | Moist soil | Yes |
| 2-butoxyethanol | Koc | 8 | Henry | 1,621E-1 Pa·m³/mol |
| CAS: 111-76-2 | Conclusion | Very High | Dry soil | No |
| EC: 203-905-0 | Surface tension | 2,729E-2 N/m (25 ºC) | Moist soil | Yes |
| Toluene | Koc | 178 | Henry | 672,8 Pa·m³/mol |
| CAS: 108-88-3 | Conclusion | Moderate | Dry soil | Yes |
| EC: 203-625-9 | Surface tension | 2,793E-2 N/m (25 ºC) | Moist soil | Yes |

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

Product fails to meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product fails to 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) |
|---|---|---|
| | It is not possible to assign a specific code, as it depends on the intended use by the user | Dangerous |

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

HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP10 Toxic for reproduction, 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/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 2021 and RID 2021:

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## SECTION 14: TRANSPORT INFORMATION (continued)




| | | |
|---|---|---|
| **14.1** | **UN number or ID number:** | UN3269 |
| **14.2** | **UN proper shipping name:** | POLYESTER RESIN KIT, liquid base material |
| **14.3** | **Transport hazard class(es):** | 3 |
| | Labels: | 3 |
| **14.4** | **Packing group:** | III |
| **14.5** | **Environmental hazards:** | No |
| **14.6** | **Special precautions for user** | |
| | Special regulations: | 236, 340 |
| | Tunnel restriction code: | E |
| | Physico-Chemical properties: | see section 9 |
| | Limited quantities: | 5 L |
| **14.7** | **Maritime transport in bulk according to IMO instruments:** | Non-applicable |

**Transport of dangerous goods by sea:**

With regard to IMDG 39-18:




| | | |
|---|---|---|
| **14.1** | **UN number or ID number:** | UN3269 |
| **14.2** | **UN proper shipping name:** | POLYESTER RESIN KIT, liquid base material |
| **14.3** | **Transport hazard class(es):** | 3 |
| | Labels: | 3 |
| **14.4** | **Packing group:** | III |
| **14.5** | **Marine pollutant:** | No |
| **14.6** | **Special precautions for user** | |
| | Special regulations: | 340, 236 |
| | EmS Codes: | F-E, S-D |
| | Physico-Chemical properties: | see section 9 |
| | Limited quantities: | 5 L |
| | Segregation group: | Non-applicable |
| **14.7** | **Maritime transport in bulk according to IMO instruments:** | Non-applicable |

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2021:




| | | |
|---|---|---|
| **14.1** | **UN number or ID number:** | UN3269 |
| **14.2** | **UN proper shipping name:** | POLYESTER RESIN KIT, liquid base material |
| **14.3** | **Transport hazard class(es):** | 3 |
| | Labels: | 3 |
| **14.4** | **Packing group:** | III |
| **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:** | Non-applicable |

## 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

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## SECTION 15: REGULATORY INFORMATION (continued)

**Seveso III:**

| Section | Description | Lower-tier requirements | Upper-tier requirements |
|---|---|---|---|
| P5c | FLAMMABLE LIQUIDS | 5000 | 50000 |

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

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.
Contains Octamethylcyclotetrasiloxane. 1. | Shall not be placed on the market in wash-off cosmetic products in a concentration equal to or greater than 0,1 % by weight of either substance, after 31 January 2020. | 2. | For the purposes of this entry, "wash-off cosmetic products" means cosmetic products as defined in Article 2(1)(a) of Regulation (EC) No 1223/2009 that, under normal conditions of use, are washed off with water after application.'
Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

**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:**

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 (COMMISSION REGULATION (EU) 2020/878).

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

COMMISSION REGULATION (EU) 2020/878

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

H315: Causes skin irritation.
H372: Causes damage to organs through prolonged or repeated exposure.
H361d: Suspected of damaging the unborn child.
H317: May cause an allergic skin reaction.
H226: Flammable liquid and vapour.
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:**

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## SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.
Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.
Acute Tox. 4: H332 - Harmful if inhaled.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
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 (Inhalation).
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Repr. 1B: H360 - May damage fertility or the unborn child.
Repr. 2: H361d - Suspected of damaging the unborn child.
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.
STOT RE 2: H373 - May cause 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:**

Skin Irrit. 2: Calculation method
STOT RE 1: Calculation method
Repr. 2: Calculation method
Skin Sens. 1A: Calculation method
Flam. Liq. 3: Calculation method (2.6.4.3)
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: 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 -