

## Colour Primer

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

- 1.1 Product identifier:** Colour Primer
- Other means of identification:**  
CP3000 - CP3034
- UFI:** A300-W0XH-F004-GW1H
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses (Consumer use): Aerosol can product for recreational and decorative purposes  
Relevant uses (Professional users): Aerosol can product for recreational and decorative purposes  
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:**  
The Army Painter ApS  
Niels Bohrs Vej 34  
8660 Skanderborg - Danmark  
Phone: +4528911656  
productsafety@thearmypainter.com  
www.thearmypainter.com
- 1.4 Emergency telephone number:** Austria: +43 1 406 43 43  
Belgium: 070 245 245  
Bulgaria: +359 2 9154 233  
Croatia: +3851 2348 342  
Cyprus: 1401  
Czech Republic: +420 224 919 293, +420 224 915 402  
Denmark: +45 8212 1212  
Estonia: 16662, from abroad (+372) 7943 794  
Finland: 0800 147 111  
France: +33 (0)1 45 42 59 59 (ORFILA)  
Greece: (0030) 2107793777e  
Hungary: +36-80-201-199  
Iceland: 543 2222, 543 1000  
Ireland: HCP's: 01 809 2566  
Italy: +39 0382-24444  
Latvia: +371 67042473  
Lithuania: +370 (85) 2362052  
Luxembourg: (+352) 8002 5500  
The Netherlands: +31 (0)88 755 8000  
Norway: +47 22 59 13 00  
Poland: 112  
Portugal: +351 800 250 250  
Romania: +40 213183606  
Slovakia: +421 2 5477 4166 (National Toxicological Information Centre), 24/7 service  
Slovenia: 112  
Spain: +34 91 562 04 20  
Sweden: 112  
United Kingdom: 18001 111 (NHS 111),0344 892 0111 (NPIS, for HCP's)

### 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  
Skin Irrit. 2: Skin irritation, Category 2, H315  
STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336
- 2.2 Label elements:**
- CLP Regulation (EC) No 1272/2008:**

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**SECTION 2: HAZARDS IDENTIFICATION (continued)**

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.  
Skin Irrit. 2: H315 - Causes skin 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.  
P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
P211: Do not spray on an open flame or other ignition source.  
P251: Pressurized container: Do not pierce or burn, even after use.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271: Use only outdoors or in a well-ventilated area.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F  
P501: Dispose of contents/container according to the separated collection system used in your municipality.

**Supplementary information:**

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

**Substances that contribute to the classification**

acetone

UFI: A300-W0XH-F004-GW1H

**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:**

Non-applicable

**3.2 Mixture:**

**Chemical description:** Aerosol

**Components:**

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

| Identification   | Chemical name/Classification                   |  | Concentration |
|--|--|--|---------------|
| CAS: 67-64-1<br>EC: 200-662-2<br>Index: 606-001-00-8<br>REACH: 01-2119471330-49-XXXX   | acetone <sup>(1)</sup> ATP CLP00               |  | 25 - <30%     |
|  | Regulation 1272/2008                           | Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger   |               |
| CAS: 1330-20-7<br>EC: 215-535-7<br>Index: 601-022-00-9<br>REACH: 01-2119488216-32-XXXX | Xylene <sup>(1)</sup> ATP CLP00                |  | 15 - <20%     |
|  | Regulation 1272/2008                           | Acute Tox. 4: H312+H332; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning |               |
| CAS: 74-98-6<br>EC: 200-827-9<br>Index: 601-003-00-5<br>REACH: 01-2119486944-21-XXXX   | Propane <sup>(2)</sup> ATP CLP00               |  | 15 - <20%     |
|  | Regulation 1272/2008                           | Flam. Gas 1A: H220; Press. Gas: H280 - Danger                              |               |
| CAS: 13463-67-7<br>EC: 236-675-5<br>Index: 022-006-002<br>REACH: 01-2119489379-17-XXXX | Titanium dioxide <sup>(2)</sup> Not classified |  | 5 - <15%      |
|  | Regulation 1272/2008                           |  |               |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>(2)</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

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

| Identification  | Chemical name/Classification                      |  | Concentration |
|---|---|--|---------------|
| CAS: 106-97-8<br>EC: 203-448-7<br>Index: 601-004-00-0<br>REACH: 01-2119474691-32-XXXX | <b>Butane<sup>(2)</sup></b> ATP CLP00             |  | 7 - <10%      |
|   | Regulation 1272/2008                              | Flam. Gas 1A: H220; Press. Gas: H280 - Danger        |               |
| CAS: 75-28-5<br>EC: 200-857-2<br>Index: 601-004-00-0<br>REACH: 01-2119485395-27-XXXX  | <b>Isobutane<sup>(2)</sup></b> ATP CLP00          |  | 5 - <7%       |
|   | Regulation 1272/2008                              | Flam. Gas 1A: H220; Press. Gas (Liq.): H280 - Danger |               |
| CAS: 616-38-6<br>EC: 210-478-4<br>Index: 607-013-00-6<br>REACH: 01-2119822377-36-XXXX | <b>dimethyl carbonate<sup>(2)</sup></b> ATP CLP00 |  | 1 - <2,5%     |
|   | Regulation 1272/2008                              | Flam. Liq. 2: H225 - Danger                          |               |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>(2)</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

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

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 |
|---|----------------------|----------------|-------|
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7 | LD50 oral            | Non-applicable |       |
|   | LD50 dermal          | 1100 mg/kg     |       |
|   | LC50 inhalation mist | 4,036 mg/L *   |       |

\*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:**

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:**

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.

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

Non-applicable

**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:**

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### SECTION 5: FIREFIGHTING MEASURES (continued)

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:

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

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

It is recommended:

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.

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**SECTION 7: HANDLING AND STORAGE (continued)**

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 °C

Maximum Temp.: 20 °C

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:

EH40/2005 Workplace exposure limits, fourth edition, published 2020:

| Identification  | Occupational exposure limits |                        |                        |
|---|------------------------------|------------------------|------------------------|
|   | WEL (8h)                     | WEL (15 min)           | WEL (8h)               |
| acetone<br>CAS: 67-64-1 EC: 200-662-2                 | 500 ppm                      | 1210 mg/m <sup>3</sup> | 3620 mg/m <sup>3</sup> |
| Xylene <sup>(1)</sup><br>CAS: 1330-20-7 EC: 215-535-7 | 50 ppm                       | 220 mg/m <sup>3</sup>  | 441 mg/m <sup>3</sup>  |
| Titanium dioxide<br>CAS: 13463-67-7 EC: 236-675-5     | 100 ppm                      | 4 mg/m <sup>3</sup>    |                        |
| Butane<br>CAS: 106-97-8 EC: 203-448-7                 | 600 ppm                      | 1450 mg/m <sup>3</sup> | 1810 mg/m <sup>3</sup> |

<sup>(1)</sup> Skin

**NULL:**

BIOLOGICAL MONITORING GUIDANCE VALUES (BMGVs) - EH40/2005

| Identification                         | NULL                   | NULL                          | NULL       |
|--|------------------------|-------------------------------|------------|
| Xylene<br>CAS: 1330-20-7 EC: 215-535-7 | 1030 mg/g (Creatinine) | Methyl hippuric acid in urine | Post shift |

**DNEL (Workers):**

| Identification                                       |            | Short exposure        |                        | Long exposure          |                       |
|--|------------|-----------------------|------------------------|------------------------|-----------------------|
|  |            | Systemic              | Local                  | Systemic               | Local                 |
| acetone<br>CAS: 67-64-1<br>EC: 200-662-2             | Oral       | Non-applicable        | Non-applicable         | Non-applicable         | Non-applicable        |
|  | Dermal     | Non-applicable        | Non-applicable         | 186 mg/kg              | Non-applicable        |
|  | Inhalation | Non-applicable        | 2420 mg/m <sup>3</sup> | 1210 mg/m <sup>3</sup> | Non-applicable        |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7            | Oral       | Non-applicable        | Non-applicable         | Non-applicable         | Non-applicable        |
|  | Dermal     | Non-applicable        | Non-applicable         | 212 mg/kg              | Non-applicable        |
|  | Inhalation | 442 mg/m <sup>3</sup> | 442 mg/m <sup>3</sup>  | 221 mg/m <sup>3</sup>  | 221 mg/m <sup>3</sup> |
| dimethyl carbonate<br>CAS: 616-38-6<br>EC: 210-478-4 | Oral       | Non-applicable        | Non-applicable         | Non-applicable         | Non-applicable        |
|  | Dermal     | Non-applicable        | Non-applicable         | 5 mg/kg                | Non-applicable        |
|  | Inhalation | Non-applicable        | Non-applicable         | 34,9 mg/m <sup>3</sup> | Non-applicable        |

**DNEL (General population):**

| Identification                           |            | Short exposure |                | Long exposure         |                |
|--|------------|----------------|----------------|-----------------------|----------------|
|  |            | Systemic       | Local          | Systemic              | Local          |
| acetone<br>CAS: 67-64-1<br>EC: 200-662-2 | Oral       | Non-applicable | Non-applicable | 62 mg/kg              | Non-applicable |
|  | Dermal     | Non-applicable | Non-applicable | 62 mg/kg              | Non-applicable |
|  | Inhalation | Non-applicable | Non-applicable | 200 mg/m <sup>3</sup> | Non-applicable |

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

| Identification                                       |            | Short exposure        |                       | Long exposure          |                        |
|--|------------|-----------------------|-----------------------|------------------------|------------------------|
|  |            | Systemic              | Local                 | Systemic               | Local                  |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7            | Oral       | Non-applicable        | Non-applicable        | 12,5 mg/kg             | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable        | 125 mg/kg              | Non-applicable         |
|  | Inhalation | 260 mg/m <sup>3</sup> | 260 mg/m <sup>3</sup> | 65,3 mg/m <sup>3</sup> | 65,3 mg/m <sup>3</sup> |
| dimethyl carbonate<br>CAS: 616-38-6<br>EC: 210-478-4 | Oral       | Non-applicable        | Non-applicable        | 2,5 mg/kg              | Non-applicable         |
|  | Dermal     | Non-applicable        | Non-applicable        | 2,5 mg/kg              | Non-applicable         |
|  | Inhalation | Non-applicable        | Non-applicable        | 8,7 mg/m <sup>3</sup>  | Non-applicable         |

**PNEC:**

| Identification                                       |              | Short exposure |                         | Long exposure  |       |
|--|--------------|----------------|-------------------------|----------------|-------|
|  |              | Systemic       | Local                   | Systemic       | Local |
| acetone<br>CAS: 67-64-1<br>EC: 200-662-2             | STP          | 100 mg/L       | Fresh water             | 10,6 mg/L      |       |
|  | Soil         | 29,5 mg/kg     | Marine water            | 1,06 mg/L      |       |
|  | Intermittent | 21 mg/L        | Sediment (Fresh water)  | 30,4 mg/kg     |       |
|  | Oral         | Non-applicable | Sediment (Marine water) | 3,04 mg/kg     |       |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7            | STP          | 6,58 mg/L      | Fresh water             | 0,327 mg/L     |       |
|  | Soil         | 2,31 mg/kg     | Marine water            | 0,327 mg/L     |       |
|  | Intermittent | 0,327 mg/L     | Sediment (Fresh water)  | 12,46 mg/kg    |       |
|  | Oral         | Non-applicable | Sediment (Marine water) | 12,46 mg/kg    |       |
| dimethyl carbonate<br>CAS: 616-38-6<br>EC: 210-478-4 | STP          | 188 mg/L       | Fresh water             | 0,5 mg/L       |       |
|  | Soil         | Non-applicable | Marine water            | 0,05 mg/L      |       |
|  | Intermittent | 1 mg/L         | Sediment (Fresh water)  | Non-applicable |       |
|  | Oral         | Non-applicable | Sediment (Marine water) | Non-applicable |       |

**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   |
|-----------|--|-----------|---|---|
|           | Filter mask for gases, vapours and particles (Filter type: AX) |           | EN 149:2001+A1:2010<br>EN 405:2002+A1:2010<br>EN ISO 136:1998 | Replace when an increase in resistance 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  |
|-----------|---|-----------|-------------------|--|
|           | Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0,062 mm) |           | 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   |
|-----------|---|-----------|---------------------------------|---|
|           | Panoramic glasses against splash/projections. |           | EN 166:2002<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**

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

| Pictogram                              | PPE   | Labelling   | CEN Standard  | Remarks                                     |
|--|---|-------------|---|---|
| <br>Mandatory complete body protection | Antistatic and fireproof protective clothing                  | <br>CAT III | EN 1149-1:2007<br>EN 1149-2:1998<br>EN 1149-3:2004<br>UNE-EN ISO 18526-1 al 4:2020<br>EN ISO 14116:2015<br>EN 1149-5:2018 | Limited protection against flames.          |
| <br>Mandatory foot protection          | Safety footwear with antistatic and heat resistant properties | <br>CAT III | EN ISO 13287:2020<br>EN ISO 20345:2022  | 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.

| Emergency measure    | Standards                                       | Emergency measure    | Standards                                      |
|----------------------|---|----------------------|--|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>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):          | 87,47 % weight                      |
| V.O.C. density at 20 °C:  | 582,6 kg/m <sup>3</sup> (582,6 g/L) |
| Average carbon number:    | 4,9                                 |
| Average molecular weight: | 77,95 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 °C: | Aerosol          |
| Appearance:              | Non-applicable * |
| Colour:                  | Non-applicable * |
| Odour:                   | Non-applicable * |
| Odour threshold:         | Non-applicable * |

**Volatility:**

|  |                           |
|--|---------------------------|
| Boiling point at atmospheric pressure: | -42 °C (Propellant)       |
| Vapour pressure at 20 °C:              | 499959 Pa                 |
| Vapour pressure at 50 °C:              | 799934,32 Pa (799,93 kPa) |
| Evaporation rate at 20 °C:             | Non-applicable *          |

**Product description:**

|                               |                             |
|-------------------------------|-----------------------------|
| Density at 20 °C:             | 750 - 800 kg/m <sup>3</sup> |
| Relative density at 20 °C:    | Non-applicable *            |
| Dynamic viscosity at 20 °C:   | Non-applicable *            |
| Kinematic viscosity at 20 °C: | Non-applicable *            |
| Kinematic viscosity at 40 °C: | Non-applicable *            |

\*Non-applicable 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)**

|  |                  |
|--|------------------|
| Concentration:                               | Non-applicable * |
| pH:  | 8                |
| Vapour density at 20 °C:                     | Non-applicable * |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable * |
| Solubility in water at 20 °C:                | Non-applicable * |
| Solubility properties:                       | Non-applicable * |
| Decomposition temperature:                   | Non-applicable * |
| Melting point/freezing point:                | Non-applicable * |
| Recipient pressure:                          | Non-applicable * |

**Flammability:**

|                            |                  |
|----------------------------|------------------|
| Flash Point:               | Non-applicable * |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature:  | Non-applicable * |
| Lower flammability limit:  | Non-applicable * |
| Upper flammability limit:  | Non-applicable * |

**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 °C: | Non-applicable * |
| Refraction index:         | Non-applicable * |

\*Non-applicable 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:**

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## Colour Primer

### SECTION 10: STABILITY AND REACTIVITY (continued)

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<sub>2</sub>), 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

##### **Dangerous health implications:**

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

##### A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous 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 hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: 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.

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

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Causes serious eye irritation.

##### D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Xylene (3: Not classifiable as to its carcinogenicity to humans); Titanium dioxide (2B: Possibly carcinogenic to humans)
- 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, as it does not 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, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: 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.

##### 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, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- 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, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### **Other information:**

Non-applicable

##### **Specific toxicology information on the substances:**

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**Colour Primer**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

| Identification                                       | Acute toxicity         |               | Genus  |
|--|------------------------|---------------|--------|
| 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    |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7            | LD50 oral              | 3523 mg/kg    | Rat    |
|  | LD50 dermal            | 1100 mg/kg    |        |
|  | LC50 inhalation vapour | 17 mg/L       | Rat    |
| dimethyl carbonate<br>CAS: 616-38-6<br>EC: 210-478-4 | LD50 oral              | 6000 mg/kg    | Rat    |
|  | LD50 dermal            |               |        |
|  | LC50 inhalation vapour |               |        |
| Titanium dioxide<br>CAS: 13463-67-7<br>EC: 236-675-5 | LD50 oral              | 10000 mg/kg   | Rat    |
|  | LD50 dermal            | 10000 mg/kg   | Rabbit |
|  | LC50 inhalation dust   |               |        |

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**

Non-applicable

**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, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Toxicity:**

**Acute toxicity:**

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

**Chronic toxicity:**

| Identification                         | Concentration |                | Species             | Genus      |
|--|---------------|----------------|---------------------|------------|
| acetone<br>CAS: 67-64-1 EC: 200-662-2  | NOEC          | Non-applicable |                     |            |
|  | NOEC          | 2212 mg/L      | Daphnia magna       | Crustacean |
| Xylene<br>CAS: 1330-20-7 EC: 215-535-7 | NOEC          | 1,3 mg/L       | Oncorhynchus mykiss | Fish       |
|  | NOEC          | 1,17 mg/L      | Ceriodaphnia dubia  | Crustacean |

**12.2 Persistence and degradability:**

**Substance-specific information:**

| Identification                            | Degradability |                | Biodegradability |                |
|---|---------------|----------------|------------------|----------------|
|   |               |                |                  |                |
| acetone<br>CAS: 67-64-1<br>EC: 200-662-2  | BOD5          | Non-applicable | Concentration    | 100 mg/L       |
|   | COD           | Non-applicable | Period           | 28 days        |
|   | BOD5/COD      | Non-applicable | % Biodegradable  | 96 %           |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7 | BOD5          | Non-applicable | Concentration    | Non-applicable |
|   | COD           | Non-applicable | Period           | 28 days        |
|   | BOD5/COD      | Non-applicable | % Biodegradable  | 88 %           |

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

- CONTINUED ON NEXT PAGE -

**Colour Primer**

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

| Identification                             | Bioaccumulation potential |          |
|--|---------------------------|----------|
| acetone<br>CAS: 67-64-1<br>EC: 200-662-2   | BCF                       | 1        |
|  | Pow Log                   | -0,24    |
|  | Potential                 | Low      |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7  | BCF                       | 9        |
|  | Pow Log                   | 2,77     |
|  | Potential                 | Low      |
| Propane<br>CAS: 74-98-6<br>EC: 200-827-9   | BCF                       | 13       |
|  | Pow Log                   | 2,86     |
|  | Potential                 | Low      |
| Butane<br>CAS: 106-97-8<br>EC: 203-448-7   | BCF                       | 33       |
|  | Pow Log                   | 2,89     |
|  | Potential                 | Moderate |
| Isobutane<br>CAS: 75-28-5<br>EC: 200-857-2 | BCF                       | 27       |
|  | Pow Log                   | 2,76     |
|  | Potential                 | Low      |

**12.4 Mobility in soil:**

| Identification                             | Absorption/desorption |                      | Volatility |                                  |
|--|-----------------------|----------------------|------------|----------------------------------|
| acetone<br>CAS: 67-64-1<br>EC: 200-662-2   | Koc                   | 1                    | Henry      | 2,93 Pa·m <sup>3</sup> /mol      |
|  | Conclusion            | Very High            | Dry soil   | Yes                              |
|  | Surface tension       | 2,304E-2 N/m (25 °C) | Moist soil | Yes                              |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7  | Koc                   | 202                  | Henry      | 524,86 Pa·m <sup>3</sup> /mol    |
|  | Conclusion            | Moderate             | Dry soil   | Yes                              |
|  | Surface tension       | Non-applicable       | Moist soil | Yes                              |
| Propane<br>CAS: 74-98-6<br>EC: 200-827-9   | Koc                   | 460                  | Henry      | 71636,78 Pa·m <sup>3</sup> /mol  |
|  | Conclusion            | Moderate             | Dry soil   | Yes                              |
|  | Surface tension       | 7,02E-3 N/m (25 °C)  | Moist soil | Yes                              |
| Butane<br>CAS: 106-97-8<br>EC: 203-448-7   | Koc                   | 900                  | Henry      | 96258,75 Pa·m <sup>3</sup> /mol  |
|  | Conclusion            | Low                  | Dry soil   | Yes                              |
|  | Surface tension       | 1,187E-2 N/m (25 °C) | Moist soil | Yes                              |
| Isobutane<br>CAS: 75-28-5<br>EC: 200-857-2 | Koc                   | 35                   | Henry      | 120576,75 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | Very High            | Dry soil   | Yes                              |
|  | Surface tension       | 9,84E-3 N/m (25 °C)  | Moist soil | Yes                              |

**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, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, 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, The Waste Regulations 2011, 2011 No. 988). 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.

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**SECTION 13: DISPOSAL CONSIDERATIONS (continued)**

**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 2025 and RID 2025:



|  |                    |
|--|--------------------|
| <b>14.1 UN number or ID number:</b>                                  | UN1950             |
| <b>14.2 UN proper shipping name:</b>                                 | AEROSOLS           |
| <b>14.3 Transport hazard class(es):</b>                              | 2                  |
| Labels:  | 2.1                |
| <b>14.4 Packing group:</b>   | N/A                |
| <b>14.5 Environmental hazards:</b>                                   | No                 |
| <b>14.6 Special precautions for user</b>                             |                    |
| Special regulations:   | 190, 327, 344, 625 |
| Tunnel restriction code:   | D                  |
| Physico-Chemical properties:   | see section 9      |
| Limited quantities:  | 1 L                |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Non-applicable     |

**Transport of dangerous goods by sea:**

With regard to IMDG 42-24:



|  |                             |
|--|-----------------------------|
| <b>14.1 UN number or ID number:</b>                                  | UN1950                      |
| <b>14.2 UN proper shipping name:</b>                                 | AEROSOLS                    |
| <b>14.3 Transport hazard class(es):</b>                              | 2                           |
| Labels:  | 2.1                         |
| <b>14.4 Packing group:</b>   | N/A                         |
| <b>14.5 Marine pollutant:</b>  | No                          |
| <b>14.6 Special precautions for user</b>                             |                             |
| Special regulations:   | 63, 959, 190, 277, 327, 344 |
| EmS Codes:   | F-D, S-U                    |
| Physico-Chemical properties:   | see section 9               |
| Limited quantities:  | 1 L                         |
| Segregation group:   | Non-applicable              |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Non-applicable              |

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2025:



|  |                     |
|--|---------------------|
| <b>14.1 UN number or ID number:</b>                                  | UN1950              |
| <b>14.2 UN proper shipping name:</b>                                 | AEROSOLS, flammable |
| <b>14.3 Transport hazard class(es):</b>                              | 2                   |
| Labels:  | 2.1                 |
| <b>14.4 Packing group:</b>   | N/A                 |
| <b>14.5 Environmental hazards:</b>                                   | No                  |
| <b>14.6 Special precautions for user</b>                             |                     |
| Physico-Chemical properties:   | see section 9       |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Non-applicable      |

**SECTION 15: REGULATORY INFORMATION**

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

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**SECTION 15: REGULATORY INFORMATION (continued)**

- Article 95, REGULATION (EU) No 528/2012: Non-applicable
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable
- Regulation (EU) 2019/1021 on persistent organic pollutants: Non-applicable
- Regulation (EU) 2024/590, about substances that deplete the ozone layer: Non-applicable
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

**Seveso III:**

| Section | Description        | Lower-tier requirements | Upper-tier requirements |
|---------|--------------------|-------------------------|-------------------------|
| P3a     | FLAMMABLE AEROSOLS | 150,000                 | 500,000                 |

**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.

**Other legislation:**

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009), SI 2009 No 1348  
 The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011, 2011 No. 1885  
 Control of Substances Hazardous to Health Regulations 2002 (as amended)  
 EH40/2005 Workplace exposure limits  
 The Waste Regulations 2011, 2011 No. 988  
 Council Directive 75/324/EEC of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers  
 Commission Directive 94/1/EC of 6 January 1994 adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of the relating Member States to aerosol dispensers  
 Commission Directive 2008/47/EC of 8 April 2008 amending, for the purposes of adapting to technical progress, Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers  
 Commission Directive 2013/10/EU of 19 March 2013 amending Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers in order to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures  
 COMMISSION DIRECTIVE (EU) 2016/2037 of 21 November 2016 amending Council Directive 75/324/EEC as regards the maximum allowable pressure of aerosol dispensers and to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures

**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.:**

Non-applicable

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

- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H315: Causes skin irritation.
- 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:**

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## Colour Primer

### SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.  
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 (Liq.): H280 - Contains gas under pressure, may explode if heated.  
Press. Gas: H280 - Contains gas under pressure, may explode if heated.  
Skin Irrit. 2: H315 - Causes skin irritation.  
STOT SE 3: H336 - May cause drowsiness or dizziness.

#### Classification procedure:

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

#### Advice related to training:

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 -