

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Carsystem Etch Primer

|         |         |                |                                 |
|---------|---------|----------------|---------------------------------|
| Version |         | Revision Date: | Date of last issue: 26.04.2023  |
| 1.2     | DE / EN | 10.10.2023     | Date of first issue: 09.08.2022 |

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

#### 1.1 Product identifier

Trade name : Carsystem Etch Primer  
Product code : 143.028

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

Use of the Sub-stance/Mixture : Base coating, Paints  
Recommended restrictions on use : Industrial use, professional use

#### 1.3 Details of the supplier of the safety data sheet

Company : JASA AG  
Müslistrasse 43  
8957 Spreitenbach  
Schweiz  
info@jasa-ag.ch, www.jasa-ag.ch  
Telephone : +41 (0)44 431 60 70  
Telefax : +41 (0)44 432 63 17  
**Responsible Department** : Productmanagement, Tel: +41 (0)44 431 60 70, sds@jasa-ag.ch

#### 1.4 Emergency telephone

Telephone : Tox Info Suisse (STIZ), Tel: 145

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

|  |   |
|--|---|
| Aerosols, Category 1   | H222: Extremely flammable aerosol.<br>H229: Pressurised container: May burst if heated. |
| Serious eye damage, Category 1   | H318: Causes serious eye damage.  |
| Skin sensitization, Category 1   | H317: May cause an allergic skin reaction.  |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.  |
| Long-term (chronic) aquatic hazard, Category 3                                       | H412: Harmful to aquatic life with long lasting effects.                                |

#### 2.2 Label elements

##### Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

Supplemental Hazard Statements : EUH066 Repeated exposure may cause skin dryness or cracking.

Buildup of explosive mixtures possible without sufficient ventilation.

Precautionary Statements : P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

##### Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.

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P260 Do not breathe spray.

### Response:

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

### Storage:

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

### Disposal:

P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

### Hazardous ingredients which must be listed on the label:

acetone  
propan-1-ol  
2-methylpropan-1-ol  
bis-[4-(2,3-epoxipropoxy)phenyl]propane

### Additional Labeling

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

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : aerosol  
Mixture

### Components

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification | Concentration<br>(% w/w) |
|---------------|---|----------------|--------------------------|
|               |   |                |                          |

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|  |   |  |                |
|--|---|--|----------------|
| acetone  | 67-64-1<br>200-662-2<br>606-001-00-8<br>01-2119471330-49    | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>(Central nervous system)<br>EUH066  | >= 20 - < 25   |
| propan-1-ol  | 71-23-8<br>200-746-9<br>603-003-00-0<br>01-2119486761-29    | Flam. Liq. 2; H225<br>Eye Dam. 1; H318<br>STOT SE 3; H336<br>(Central nervous system)  | >= 12,5 - < 20 |
| 2-methylpropan-1-ol  | 78-83-1<br>201-148-0<br>603-108-00-1<br>01-2119484609-23    | Flam. Liq. 3; H226<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H336<br>(Central nervous system)<br>STOT SE 3; H335<br>(Respiratory system)  | >= 5 - < 10    |
| 2-methoxy-1-methylethyl acetate  | 108-65-6<br>203-603-9<br>607-195-00-7<br>01-2119475791-29   | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)  | >= 2,5 - < 5   |
| titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] | 13463-67-7<br>236-675-5<br>022-006-00-2<br>01-2119489379-17 | Carc. 2; H351  | >= 2,5 - < 5   |
| bis-[4-(2,3-epoxipropoxy)phenyl]propane  | 1675-54-3<br>216-823-5<br>603-073-00-2<br>01-2119456619-26  | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>Aquatic Chronic 2;<br>H411<br><br>specific concentration limit<br>Eye Irrit. 2; H319<br>>= 5 %<br>Skin Irrit. 2; H315<br>>= 5 % | >= 2,5 - < 5   |
| 1-methoxy-2-propanol   | 107-98-2<br>203-539-1<br>603-064-00-3<br>01-2119457435-35   | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)  | >= 1 - < 2,5   |
| Substances with a workplace exposure limit :   |   |  |                |
| dimethyl ether   | 115-10-6<br>204-065-8<br>603-019-00-8<br>01-2119472128-37   | Flam. Gas 1A; H220<br>Press. Gas Compr. Gas; H280  | >= 5 - < 10    |

For explanation of abbreviations see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first-aid measures

- General advice : First aider needs to protect himself.  
Remove from exposure, lie down.  
If unconscious, place in recovery position and seek medical advice.  
Take off contaminated clothing and shoes immediately.
- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
If easy to do, remove contact lens, if worn.  
Protect unharmed eye.  
Call a physician immediately.
- If swallowed : Swallowing is not regarded as a possible method for exposure.  
Immediately give large quantities of water to drink.  
Call a physician immediately.

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

- Risks : May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause drowsiness or dizziness.  
Repeated exposure may cause skin dryness or cracking.

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

- Treatment : Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Dry powder  
Water spray jet  
Alcohol-resistant foam
- Unsuitable extinguishing media : High volume water jet

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### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire fighting : Vapors may form explosive mixtures with air. Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.
- Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3 Advice for firefighters

- Special protective equipment for fire-fighters : Use personal protective equipment. Wear suitable respiratory protection equipment.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Wear personal protective equipment. Evacuate personnel to safe areas. Remove all sources of ignition. Ensure adequate ventilation. Avoid inhalation of vapor or mist. Avoid contact with skin, eyes and clothing.

### 6.2 Environmental precautions

- Environmental precautions : Should not be released into the environment. If the product contaminates rivers and lakes or drains inform respective authorities.

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

- Methods for cleaning up : Ventilate the area. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Local/Total ventilation : Ensure adequate ventilation.
- Advice on safe handling : Pressurized container: Protect from sunlight and do not ex-

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pose to temperatures exceeding 50°C / 122 °F. Also after use, do not open with force or burn.  
Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

Take measures to prevent the build up of electrostatic charge.

Hygiene measures : Do not inhale aerosol.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Please observe the storage instructions for aerosols! Keep containers tightly closed in a cool, well-ventilated place. Solvent vapors are heavier than air and may spread along floors. Keep away from direct sunlight. Keep away from heat and sources of ignition.

Further information on storage conditions : Storage must be in accordance with the BetrSichV (Germany).

Advice on common storage : Keep away from food and drink.

Storage class (TRGS 510) : 2B

### 7.3 Specific end use(s)

Specific use(s) : No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components     | CAS-No.  | Value type (Form of exposure) | Control parameters                   | Basis       |
|----------------|--|-------------------------------|--------------------------------------|-------------|
| acetone        | 67-64-1  | TWA                           | 500 ppm<br>1.210 mg/m <sup>3</sup>   | 2000/39/EC  |
|                | Further information: Indicative  |                               |                                      |             |
|                |  | AGW                           | 500 ppm<br>1.200 mg/m <sup>3</sup>   | DE TRGS 900 |
|                | Peak-limit category: 2;(I)   |                               |                                      |             |
|                | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |                               |                                      |             |
| propane        | 74-98-6  | AGW                           | 1.000 ppm<br>1.800 mg/m <sup>3</sup> | DE TRGS 900 |
|                | Peak-limit category: 4;(II)  |                               |                                      |             |
| dimethyl ether | 115-10-6   | TWA                           | 1.000 ppm<br>1.920 mg/m <sup>3</sup> | 2000/39/EC  |

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|   | Further information: Indicative  |                             |  |                |
|   |  | AGW                         | 1.000 ppm<br>1.900 mg/m <sup>3</sup>         | DE TRGS<br>900 |
|   | Peak-limit category: 8;(II)  |                             |  |                |
| butane (containing<br>< 0,1 % butadiene<br>(203-450-8))   | 106-97-8   | AGW                         | 1.000 ppm<br>2.400 mg/m <sup>3</sup>         | DE TRGS<br>900 |
|   | Peak-limit category: 4;(II)  |                             |  |                |
| isobutane (< 0,1%<br>1,3-butadiene<br>(203-450-8))  | 75-28-5  | AGW                         | 1.000 ppm<br>2.400 mg/m <sup>3</sup>         | DE TRGS<br>900 |
|   | Peak-limit category: 4;(II)  |                             |  |                |
| 2-methylpropan-1-<br>ol   | 78-83-1  | AGW                         | 100 ppm<br>310 mg/m <sup>3</sup>             | DE TRGS<br>900 |
|   | Peak-limit category: 1;(I)   |                             |  |                |
|   | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |                             |  |                |
| 2-methoxy-1-<br>methylethyl ace-<br>tate  | 108-65-6   | STEL                        | 100 ppm<br>550 mg/m <sup>3</sup>             | 2000/39/EC     |
|   | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                       |                             |  |                |
|   |  | TWA                         | 50 ppm<br>275 mg/m <sup>3</sup>              | 2000/39/EC     |
|   | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                       |                             |  |                |
|   |  | AGW                         | 50 ppm<br>270 mg/m <sup>3</sup>              | DE TRGS<br>900 |
|   | Peak-limit category: 1;(I)   |                             |  |                |
|   | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |                             |  |                |
| titanium dioxide; [in<br>powder form con-<br>taining 1 % or<br>more of particles<br>with aerodynamic<br>diameter ≤ 10 µm] | 13463-67-7   | AGW (Inhalable<br>fraction) | 10 mg/m <sup>3</sup><br>(Titanium dioxide)   | DE TRGS<br>900 |
|   | Peak-limit category: 2;(II)  |                             |  |                |
|   | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |                             |  |                |
|   |  | AGW (Alveolate<br>fraction) | 1,25 mg/m <sup>3</sup><br>(Titanium dioxide) | DE TRGS<br>900 |
|   | Peak-limit category: 2;(II)  |                             |  |                |
|   | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |                             |  |                |
| 1-methoxy-2-<br>propanol  | 107-98-2   | TWA                         | 100 ppm<br>375 mg/m <sup>3</sup>             | 2000/39/EC     |
|   | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                       |                             |  |                |
|   |  | STEL                        | 150 ppm<br>568 mg/m <sup>3</sup>             | 2000/39/EC     |



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|  | Further information: Identifies the possibility of significant uptake through the skin, Indicative                                       |                                  |                |
|  | AGW  | 100 ppm<br>370 mg/m <sup>3</sup> | DE TRGS<br>900 |
|  | Peak-limit category: 2;(l)   |                                  |                |
|  | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |                                  |                |

### Biological occupational exposure limits

| Substance name       | CAS-No.  | Control parameters                       | Sampling time                                     | Basis    |
|----------------------|----------|--|---|----------|
| acetone              | 67-64-1  | Acetone: 80 mg/l<br>(Urine)              | Immediately after exposure or after working hours | TRGS 903 |
| 1-methoxy-2-propanol | 107-98-2 | 1-Methoxypropan-2-ol: 15 mg/l<br>(Urine) | Immediately after exposure or after working hours | TRGS 903 |

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name                  | End Use   | Routes of exposure | Potential health effects   | Value                  |
|---------------------------------|-----------|--------------------|----------------------------|------------------------|
| acetone                         | Workers   | Inhalation         | Long-term systemic effects | 1210 mg/m <sup>3</sup> |
|                                 | Workers   | Inhalation         | Long-term local effects    | 2420 mg/m <sup>3</sup> |
|                                 | Workers   | Skin contact       | Long-term systemic effects | 186 mg/kg bw/day       |
|                                 | Consumers | Inhalation         | Long-term systemic effects | 200 mg/m <sup>3</sup>  |
|                                 | Consumers | Skin contact, Oral | Long-term systemic effects | 62 mg/kg bw/day        |
|                                 | Consumers | Inhalation         | Acute systemic effects     | 1036 mg/m <sup>3</sup> |
| propan-1-ol                     | Workers   | Inhalation         | Long-term systemic effects | 268 mg/m <sup>3</sup>  |
|                                 | Workers   | Inhalation         | Acute systemic effects     | 1723 mg/m <sup>3</sup> |
|                                 | Workers   | Skin contact       | Long-term systemic effects | 136 mg/kg              |
|                                 | Consumers | Inhalation         | Long-term systemic effects | 80 mg/m <sup>3</sup>   |
|                                 | Consumers | Inhalation         | Acute systemic effects     | 1036 mg/m <sup>3</sup> |
|                                 | Consumers | Skin contact       | Long-term systemic effects | 81 mg/kg               |
|                                 | Consumers | Oral               | Long-term systemic effects | 61 mg/kg               |
|                                 | Consumers | Inhalation         | Long-term systemic effects | 55 mg/m <sup>3</sup>   |
|                                 | Workers   | Inhalation         | Long-term local effects    | 310 mg/m <sup>3</sup>  |
| 2-methoxy-1-methylethyl acetate | Workers   | Inhalation         | Long-term systemic effects | 275 mg/m <sup>3</sup>  |
|                                 | Workers   | Skin contact       | Long-term systemic effects | 796 mg/kg bw/day       |

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|   | Consumers | Inhalation   | Long-term systemic effects                  | 33 mg/m <sup>3</sup>    |
|   | Consumers | Skin contact | Long-term systemic effects                  | 320 mg/kg bw/day        |
|   | Consumers | Oral         | Long-term systemic effects                  | 36 mg/kg bw/day         |
| bis-[4-(2,3-epoxipropoxy)phenyl]propane | Workers   | Inhalation   | Long-term systemic effects                  | 4,93 mg/m <sup>3</sup>  |
|   | Workers   | Skin contact | Long-term systemic effects                  | 0,75 mg/kg bw/day       |
|   | Consumers | Oral         | Long-term systemic effects                  | 0,5 mg/kg bw/day        |
|   | Consumers | Dermal       | Long-term systemic effects                  | 0,0893 mg/kg bw/day     |
|   | Consumers | Inhalation   | Long-term systemic effects                  | 0,87 mg/m <sup>3</sup>  |
| 1-methoxy-2-propanol                    | Workers   | Inhalation   | Long-term systemic effects                  | 369 mg/m <sup>3</sup>   |
|   | Workers   | Inhalation   | Acute systemic effects, Acute local effects | 553,5 mg/m <sup>3</sup> |
|   | Workers   | Skin contact | Long-term systemic effects                  | 183 mg/kg bw/day        |
|   | Consumers | Inhalation   | Long-term systemic effects                  | 43,9 mg/m <sup>3</sup>  |
|   | Consumers | Skin contact | Long-term systemic effects                  | 78 mg/kg bw/day         |
|   | Consumers | Oral         | Long-term systemic effects                  | 33 mg/kg bw/day         |

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

| Substance name                  | Environmental Compartment    | Value                        |
|---------------------------------|------------------------------|------------------------------|
| acetone                         | Fresh water                  | 10,6 mg/l                    |
|                                 | Sea water                    | 1,06 mg/l                    |
|                                 | Sewage treatment plant (STP) | 100 mg/l                     |
|                                 | Fresh water sediment         | 30,4 mg/kg dry weight (d.w.) |
|                                 | Sea sediment                 | 3,04 mg/kg dry weight (d.w.) |
|                                 | Soil                         | 29,5 mg/kg dry weight (d.w.) |
| propan-1-ol                     | Fresh water                  | 10 mg/l                      |
|                                 | Sea water                    | 1 mg/l                       |
|                                 | Sewage treatment plant (STP) | 96 mg/l                      |
|                                 | Fresh water sediment         | 22,8 mg/kg                   |
|                                 | Sea sediment                 | 2,28 mg/kg                   |
|                                 | Soil                         | 2,2 mg/kg                    |
| 2-methoxy-1-methylethyl acetate | Fresh water                  | 0,635 mg/l                   |
|                                 | Sea water                    | 0,064 mg/l                   |
|                                 | Sewage treatment plant (STP) | 100 mg/l                     |

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|   | Fresh water sediment         | 3,29 mg/kg dry weight (d.w.)  |
|   | Sea sediment                 | 0,329 mg/kg dry weight (d.w.) |
|   | Soil                         | 0,29 mg/kg dry weight (d.w.)  |
| bis-[4-(2,3-epoxipropoxy)phenyl]propane | Fresh water                  | 0,006 mg/l                    |
|   | Sea water                    | 0,001 mg/l                    |
|   | Fresh water sediment         | 0,341 mg/kg dry weight (d.w.) |
|   | Sea sediment                 | 0,034 mg/kg dry weight (d.w.) |
|   | Sewage treatment plant (STP) | 10 mg/l                       |
|   | Soil                         | 0,065 mg/kg dry weight (d.w.) |
|   | Oral                         | 11 mg/kg food                 |
| 1-methoxy-2-propanol                    | Fresh water                  | 10 mg/l                       |
|   | Sea water                    | 1 mg/l                        |
|   | Sewage treatment plant (STP) | 100 mg/l                      |
|   | Fresh water sediment         | 52,3 mg/kg dry weight (d.w.)  |
|   | Sea sediment                 | 5,2 mg/kg dry weight (d.w.)   |
|   | Soil                         | 4,59 mg/kg dry weight (d.w.)  |

### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : Tightly fitting safety goggles  
Safety glasses with side-shields conforming to EN166

#### Hand protection

Material : butyl-rubber  
Break through time : > 480 min  
Glove thickness : >= 0,4 mm  
Directive : DIN EN 374  
Protective index : Class 6

Remarks : The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. The exact break through time can be obtained from the protective glove producer and this has to be observed. Preventive skin protection

Skin and body protection : Please wear suitable protective clothing, e.g. made of cotton or heat-resistant synthetic fibres.  
Long sleeved clothing

Respiratory protection : No personal respiratory protective equipment normally required.

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In case of inadequate ventilation wear respiratory protection.  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Filter type : Filter type A-P

Protective measures : Use only with adequate ventilation.  
When using do not eat, drink or smoke.  
Avoid contact with skin, eyes and clothing.  
Do not breathe vapors or spray mist.

### Environmental exposure controls

Soil : Avoid subsoil penetration.  
Water : Do not flush into surface water or sanitary sewer system.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : aerosol

Color : gray

Odor : solvent

Melting point/freezing point : not determined

Initial boiling point and boiling range : Not applicable

Upper explosion limit / Upper flammability limit : 13 %(V)

Lower explosion limit / Lower flammability limit : 1,2 %(V)

Flash point : Not applicable

Autoignition temperature : 240 °C

pH : not determined substance/mixture is non-soluble (in water)

Viscosity

Viscosity, dynamic : not determined

Viscosity, kinematic : not determined

Solubility(ies)

Water solubility : immiscible

Partition coefficient: n-octanol/water : not determined

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Vapor pressure : 4.000 hPa (20 °C)

Density : 0,8 g/cm<sup>3</sup> (20 °C)

### 9.2 Other information

Explosives : Not explosive  
In use, may form flammable/explosive vapor-air mixture.

Self-ignition : not auto-flammable

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if used as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Vapors may form explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid : Keep away from heat and sources of ignition.  
Strong sunlight for prolonged periods.

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.

---

## SECTION 11: Toxicological information

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

#### Acute toxicity

Not classified based on available information.

#### Components:

##### acetone:

Acute oral toxicity : LD50 Oral (Rat): 5.800 mg/kg

Acute inhalation toxicity : LC50 (Rat): ca. 76 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor

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Acute dermal toxicity : LD50 Dermal (Rabbit): > 7.400 mg/kg

### **propan-1-ol:**

Acute oral toxicity : LD50 Oral (Rat): ca. 8.000 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 33,8 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rabbit): 4.032 mg/kg  
Method: OECD Test Guideline 402

### **2-methylpropan-1-ol:**

Acute oral toxicity : LD50 Oral (Rat): > 2.830 mg/kg

Acute inhalation toxicity : LC50 (Rat): 24,6 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor

Acute dermal toxicity : LD50 Dermal (Rabbit): 2.460 mg/kg  
Method: OECD Test Guideline 402

### **2-methoxy-1-methylethyl acetate:**

Acute oral toxicity : LD50 Oral (Rat): 6.190 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg  
Method: OECD Test Guideline 402

### **titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]:**

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LD50 (Rat): > 6,82 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

### **bis-[4-(2,3-epoxipropoxy)phenyl]propane:**

Acute oral toxicity : LD50 Oral (Rat): > 15.000 mg/kg

Acute inhalation toxicity : Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 Dermal (Rabbit): 23.000 mg/kg

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Method: OECD Test Guideline 402

### 1-methoxy-2-propanol:

Acute oral toxicity : LD50 Oral (Rat): 4.016 mg/kg

Acute inhalation toxicity : LC0 (Rat): > 7000 ppm  
Test atmosphere: vapor  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 Dermal (Rat): > 2.000 mg/kg  
Method: Regulation (EC) No. 440/2008, Annex, B.3

### Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

#### Product:

Result : No skin irritation

Result : Repeated exposure may cause skin dryness or cracking.

#### Components:

**titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ ]:**

Remarks : No skin irritation

#### **bis-[4-(2,3-epoxipropoxy)phenyl]propane:**

Species : Rabbit  
Assessment : Irritating to skin.  
Method : OECD Test Guideline 404  
Result : Mild skin irritant

### Serious eye damage/eye irritation

Causes serious eye damage.

#### Components:

**titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ ]:**

Remarks : Dust contact with the eyes can lead to mechanical irritation.

#### **bis-[4-(2,3-epoxipropoxy)phenyl]propane:**

Species : Rabbit  
Assessment : Irritating to eyes.  
Method : OECD Test Guideline 405  
Result : Mild eye irritant

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### Respiratory or skin sensitization

#### Skin sensitization

May cause an allergic skin reaction.

#### Respiratory sensitization

Not classified based on available information.

#### Components:

**titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ ]:**

Remarks : No known sensitising effect.

#### **bis-[4-(2,3-epoxipropoxy)phenyl]propane:**

Routes of exposure : Dermal  
Species : Mouse  
Assessment : May cause sensitization by skin contact.  
Method : OECD Test Guideline 429  
Result : May cause sensitization by skin contact.

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

### STOT-single exposure

May cause drowsiness or dizziness.

#### Components:

#### **2-methoxy-1-methylethyl acetate:**

Routes of exposure : Oral  
Target Organs : Central nervous system  
Assessment : May cause drowsiness or dizziness.

#### **1-methoxy-2-propanol:**

Assessment : May cause drowsiness or dizziness.

### STOT-repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.



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### Components:

#### **1-methoxy-2-propanol:**

No aspiration toxicity classification

### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

##### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **acetone:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 5.540 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 8.800 mg/l  
End point: mortality  
Exposure time: 48 h

Toxicity to algae/aquatic plants : NOEC (algae): 430 mg/l  
Exposure time: 96 h

Toxicity to microorganisms : EC10 (Bacteria): 1.000 mg/l  
Exposure time: 0,5 h  
Method: OECD Test Guideline 209

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 2.212 mg/l  
Exposure time: 28 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

##### **propan-1-ol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 4.555 mg/l  
End point: mortality  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.644 mg/l  
End point: Immobilization  
Exposure time: 48 h

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Method: DIN 38412

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 9.170 mg/l  
End point: Growth rate  
Exposure time: 48 h

Toxicity to microorganisms : IC50 (Bacteria): > 1.000 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: > 100 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

### **2-methylpropan-1-ol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 1.430 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 1.100 mg/l  
Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 20 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

### **2-methoxy-1-methylethyl acetate:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 130 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 500 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: Regulation (EC) No. 440/2008, Annex, C.2

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : NOEC: 47,5 mg/l  
Exposure time: 14 d  
Species: Oryzias latipes (Orange-red killifish)  
Method: OECD Test Guideline 204

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: >= 100 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

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Method: OECD Test Guideline 211

**titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ ]:**

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1.000 mg/l  
Exposure time: 48 h

**bis-[4-(2,3-epoxypropoxy)phenyl]propane:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 1,5 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1,8 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EC50 (Scenedesmus capricornutum (fresh water algae)): 11 mg/l  
Exposure time: 72 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,3 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

**1-methoxy-2-propanol:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)):  $\geq 1.000$  mg/l  
End point: mortality  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 21.100 - 25.900 mg/l  
End point: Immobilization  
Exposure time: 48 h

**Ecotoxicology Assessment**

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

### 12.2 Persistence and degradability

**Components:**

**acetone:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 90,9 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

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### propan-1-ol:

Biodegradability : Biodegradation: 83 - 92 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

### 2-methylpropan-1-ol:

Biodegradability : Result: Readily biodegradable.

### 2-methoxy-1-methylethyl acetate:

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 90 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

### bis-[4-(2,3-epoxipropoxy)phenyl]propane:

Biodegradability : Concentration: 20 mg/l  
Result: Not readily biodegradable.  
Kinetic:  
28 d: 5 %  
Method: OECD Test Guideline 301F

### 1-methoxy-2-propanol:

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 96 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301E

## 12.3 Bioaccumulative potential

### Components:

#### acetone:

Bioaccumulation : Bioconcentration factor (BCF): 3  
Remarks: Calculation

Partition coefficient: n-octanol/water : log Pow: -0,24 (20 °C)

#### propan-1-ol:

Bioaccumulation : Bioconcentration factor (BCF): 0,88

Partition coefficient: n-octanol/water : Pow: 1,6 (25 °C)  
log Pow: 0,2 (25 °C)  
pH: 7

#### 2-methylpropan-1-ol:

Partition coefficient: n-octanol/water : log Pow: 1 (25 °C)

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### **2-methoxy-1-methylethyl acetate:**

Partition coefficient: n-octanol/water : log Pow: 1,2 (20 °C)  
pH: 6,8  
Method: OECD Test Guideline 117

### **titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]:**

Partition coefficient: n-octanol/water : Remarks: Not applicable

### **bis-[4-(2,3-epoxipropoxy)phenyl]propane:**

Bioaccumulation : Bioconcentration factor (BCF): 31  
Remarks: Does not bioaccumulate.

Partition coefficient: n-octanol/water : log Pow: 3,242 (25 °C)  
pH: 7,1  
Method: OECD Test Guideline 117

### **1-methoxy-2-propanol:**

Partition coefficient: n-octanol/water : log Pow: < 1 (20 °C)  
pH: 6,8

### **dimethyl ether:**

Partition coefficient: n-octanol/water : log Pow: 0,07 (25 °C)

## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

### **Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Endocrine disrupting properties

### **Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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### 12.7 Other adverse effects

#### **Product:**

Additional ecological information : No data available

#### **Global warming potential**

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

#### **Components:**

##### **propane:**

20-year global warming potential: 0,072  
100-year global warming potential: 0,02  
500-year global warming potential: 0,006  
Atmospheric lifetime: 0,036 yr  
Radiative efficiency: 0 Wm<sup>2</sup>ppb  
Further information: Miscellaneous compounds

##### **butane (containing < 0,1 % butadiene (203-450-8)):**

20-year global warming potential: 0,022  
100-year global warming potential: 0,006  
500-year global warming potential: 0,002  
Atmospheric lifetime: 0,019 yr  
Radiative efficiency: 0 Wm<sup>2</sup>ppb  
Further information: Miscellaneous compounds

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : According to the European Waste Catalog, Waste Codes are not product specific, but application specific.  
Dispose of in conjunction with appropriate waste disposal authorities and in accordance with disposal regulations.

Contaminated packaging : Dispose of in accordance with local regulations.

Waste Code : The following Waste Codes are only suggestions:  
08 01 11, waste paint and varnish containing organic solvents or other hazardous substances  
15 01 10, packaging containing residues of or contaminated by hazardous substances

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## SECTION 14: Transport information

### 14.1 UN number or ID number

ADN : UN 1950  
ADR : UN 1950

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**RID** : UN 1950  
**IMDG** : UN 1950  
**IATA** : UN 1950

### 14.2 UN proper shipping name

**ADN** : AEROSOLS  
**ADR** : AEROSOLS  
**RID** : AEROSOLS  
**IMDG** : AEROSOLS  
**IATA** : Aerosols, flammable

### 14.3 Transport hazard class(es)

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADN</b>  | : 2   | 2.1              |
| <b>ADR</b>  | : 2   | 2.1              |
| <b>RID</b>  | : 2   | 2.1              |
| <b>IMDG</b> | : 2.1 |                  |
| <b>IATA</b> | : 2.1 |                  |

### 14.4 Packing group

**ADN**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1

**ADR**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1  
Tunnel restriction code : (D)

**RID**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Hazard Identification Number : 23  
Labels : 2.1

**IMDG**  
Packing group : Not assigned by regulation  
Labels : 2.1  
EmS Code : F-D, S-U

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

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### IATA (Passenger)

|  |                              |
|--|------------------------------|
| Packing instruction (passenger aircraft) | : 203                        |
| Packing instruction (LQ)                 | : Y203                       |
| Packing group                            | : Not assigned by regulation |
| Labels                                   | : Flammable Gas              |

### 14.5 Environmental hazards

#### ADN

Environmentally hazardous : no

#### ADR

Environmentally hazardous : no

#### RID

Environmentally hazardous : no

#### IMDG

Marine pollutant : no

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

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

|  |  |
|--|--|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : Conditions of restriction for the following entries should be considered:<br>Number on list 75<br>If you intend to use this product as tattoo ink, please contact your vendor. |
| REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).  | : Not applicable   |
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer  | : Not applicable   |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast)  | : Not applicable   |
| REACH - List of substances subject to authorisation (Annex XIV)  | : Not applicable   |



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Regulation (EU) 2019/1148 on the marketing and use of explosives precursors

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P3a FLAMMABLE AEROSOLS

Water hazard class (Germany) : WGK 1 slightly water endangering  
Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds : Directive 2004/42/EC  
Volatile organic compounds (VOC) content: < 840 g/l  
VOC content for the product in a ready to use condition.

### Other regulations:

Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

### 15.2 Chemical Safety Assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

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## SECTION 16: Other information

### Full text of H-Statements

|        |   |
|--------|---|
| H220   | : Extremely flammable gas.                              |
| H225   | : Highly flammable liquid and vapor.                    |
| H226   | : Flammable liquid and vapor.                           |
| H280   | : Contains gas under pressure; may explode if heated.   |
| H315   | : Causes skin irritation.                               |
| H317   | : May cause an allergic skin reaction.                  |
| H318   | : Causes serious eye damage.                            |
| H319   | : Causes serious eye irritation.                        |
| H335   | : May cause respiratory irritation.                     |
| H336   | : May cause drowsiness or dizziness.                    |
| H351   | : Suspected of causing cancer if inhaled.               |
| H411   | : Toxic to aquatic life with long lasting effects.      |
| EUH066 | : Repeated exposure may cause skin dryness or cracking. |

### Full text of other abbreviations

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|                   |  |
|-------------------|--|
| Aquatic Chronic   | : Long-term (chronic) aquatic hazard   |
| Carc.             | : Carcinogenicity  |
| Eye Dam.          | : Serious eye damage   |
| Eye Irrit.        | : Eye irritation   |
| Flam. Gas         | : Flammable gases  |
| Flam. Liq.        | : Flammable liquids  |
| Press. Gas        | : Gases under pressure   |
| Skin Irrit.       | : Skin irritation  |
| Skin Sens.        | : Skin sensitization   |
| STOT SE           | : Specific target organ toxicity - single exposure   |
| 2000/39/EC        | : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values |
| DE TRGS 900       | : Germany. TRGS 900 - Occupational exposure limit values.  |
| TRGS 903          | : c - Biological limit values  |
| 2000/39/EC / TWA  | : Limit Value - eight hours  |
| 2000/39/EC / STEL | : Short term exposure limit  |
| DE TRGS 900 / AGW | : Time Weighted Average  |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Carsystem Etch Primer

|         |         |                |                                 |
|---------|---------|----------------|---------------------------------|
| Version |         | Revision Date: | Date of last issue: 26.04.2023  |
| 1.2     | DE / EN | 10.10.2023     | Date of first issue: 09.08.2022 |

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### Classification of the mixture:

|                   |            |
|-------------------|------------|
| Aerosol 1         | H222, H229 |
| Eye Dam. 1        | H318       |
| Skin Sens. 1      | H317       |
| STOT SE 3         | H336       |
| Aquatic Chronic 3 | H412       |

### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |
| Calculation method |
| Calculation method |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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