



## Safety Data Sheet

according to UK REACH Regulation

### VELIND Scheibenteiser 400ml

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Product code: 31521

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|                |  |
|----------------|--|
| P102           | Keep out of reach of children.   |
| 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.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P410+P412      | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.   |
| P501           | Dispose of the Contents/container of waste according to with local/national regulations applicable legislation.                  |

#### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

#### Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:



#### Hazard statements

H222-H229

#### Precautionary statements

P101-P102-P210-P211-P251-P410+P412-P501

#### 2.3. Other hazards

In use, may form flammable/explosive vapour-air mixture. Inhalation causes narcotic effects/intoxication.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Aerosol

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#### Hazardous components

| CAS No   | Chemical name  |              |                  | Quantity    |
|----------|--|--------------|------------------|-------------|
|          | EC No  | Index No     | REACH No         |             |
|          | Classification (GB CLP Regulation)                           |              |                  |             |
| 64-17-5  | ethanol, ethyl alcohol                                       |              |                  | 45 - < 50 % |
|          | 200-578-6  | 603-002-00-5 | 01-2119457610-43 |             |
|          | Flam. Liq. 2, Eye Irrit. 2; H225 H319 EUH066                 |              |                  |             |
| 107-21-1 | ethanediol, ethylene glycol                                  |              |                  | 5 - < 10 %  |
|          | 203-473-3  | 603-027-00-1 | 01-2119456816-28 |             |
|          | Acute Tox. 4, STOT RE 2; H302 H373                           |              |                  |             |
| 124-38-9 | carbon dioxide   |              |                  | 1 - < 5 %   |
|          | 204-696-9  |              |                  |             |
|          | Refrigerated liquefied gas; H281                             |              |                  |             |
| 78-93-3  | Butanone   |              |                  | < 1 %       |
|          | 201-159-0  | 606-002-00-3 | 01-2119457290-43 |             |
|          | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066 |              |                  |             |
| 106-99-0 | 1,3-butadiene, buta-1,3-diene                                |              |                  | < 0.1 %     |
|          | 203-450-8  |              |                  |             |
|          | Flam. Gas 1, Carc. 1A, Muta. 1B; H220 H350 H340              |              |                  |             |

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

| CAS No   | EC No     | Chemical name  | Quantity    |
|----------|-----------|--|-------------|
|          |           | Specific Conc. Limits, M-factors and ATE   |             |
| 64-17-5  | 200-578-6 | ethanol, ethyl alcohol   | 45 - < 50 % |
|          |           | inhalation: LC50 = >20 mg/l (vapours); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg Eye Irrit. 2; H319: >= 50 - 100      |             |
| 107-21-1 | 203-473-3 | ethanediol, ethylene glycol  | 5 - < 10 %  |
|          |           | inhalation: LC50 = >2,5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg STOT RE 2; H373: >= 10 - 100 |             |
| 124-38-9 | 204-696-9 | carbon dioxide   | 1 - < 5 %   |
|          |           | oral: LD50 = >2000 mg/kg   |             |
| 78-93-3  | 201-159-0 | Butanone   | < 1 %       |
|          |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg   |             |
| 106-99-0 | 203-450-8 | 1,3-butadiene, buta-1,3-diene  | < 0.1 %     |
|          |           | oral: LD50 = 5480 mg/kg Carc. 1A; H350: >= 0,1 - 100 Muta. 1B; H340: >= 0,1 - 100  |             |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately. First aider: Pay attention to self-protection! Move victim out of danger zone.

#### After inhalation

Provide fresh air. Move victim out of danger zone. In all cases of doubt, or when symptoms persist, seek medical advice.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. After

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contact with skin, wash immediately with plenty of water and soap.

#### **After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

#### **After ingestion**

Rinse mouth immediately and drink 1 glass of water. Not applicable, because aerosol. If it does, consult a doctor immediately and show him box or label. Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water.

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

The following symptoms may occur::

Intoxication. unconsciousness. Headache. drowsiness. Dizziness. Depression of the central nervous system.

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

Treat symptomatically. This information is not available.

## SECTION 5: Firefighting measures

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Water spray jet, Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder. alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Water spray. dry extinguishing powder. Water fog.

#### **Unsuitable extinguishing media**

High power water jet.

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

Extremely flammable aerosol. Pressurized container: May burst if heated. Vapours can form explosive mixtures with air. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Vapours are heavier than air and will spread at floor level. Beware of reignition. Contains gas under pressure; may explode if heated. (H280) Special exposure hazards arising from the substance itself, combustion products, resulting gases: Carbon monoxide Carbon dioxide.

### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Special protective equipment for firefighters In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Move undamaged containers from immediate hazard area if it can be done safely. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Remove according to the regulations.

## SECTION 6: Accidental release measures

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

#### **General advice**

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### **6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment. Explosion risk. Provide fresh air. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

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#### For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### Other information

Ventilate affected area. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

See protective measures under point 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Do not pierce or burn, even after use. Keep out of the reach of children. Do not breathe gas/fumes/vapour/spray. Use only outdoors or in a well-ventilated area. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. When using do not eat, drink, smoke, sniff. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Read label before use. Observe in addition any national regulations!

#### Advice on protection against fire and explosion

Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air. Pressurised container: May burst if heated.

#### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

#### Further information on handling

Do not pierce or burn, even after use.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep in a cool, well-ventilated place. Maximum storage temperature: 50°C Further information concerning storage conditions: The floor should be leak tight, jointless and not absorbent. Ensure adequate ventilation of the storage area.

#### Hints on joint storage

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances. Keep away from: Oxidizing agents. strong alkalis. Strong acid.

#### Further information on storage conditions

Fire class: C

### 7.3. Specific end use(s)

Anti-freeze and de-icing products.

## SECTION 8: Exposure controls/personal protection

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#### 8.1. Control parameters

##### Exposure limits (EH40)

| CAS No   | Substance                         | ppm   | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|----------|-----------------------------------|-------|-------------------|-----------|---------------|--------|
| 106-99-0 | Buta-1,3-diene                    | 1     | 2.2               |           | TWA (8 h)     | WEL    |
| 78-93-3  | Butan-2-one (methyl ethyl ketone) | 200   | 600               |           | TWA (8 h)     | WEL    |
|          |                                   | 300   | 899               |           | STEL (15 min) | WEL    |
| 106-97-8 | Butane                            | 600   | 1450              |           | TWA (8 h)     | WEL    |
|          |                                   | 750   | 1810              |           | STEL (15 min) | WEL    |
| 124-38-9 | Carbon dioxide                    | 5000  | 9150              |           | TWA (8 h)     | WEL    |
|          |                                   | 15000 | 27400             |           | STEL (15 min) | WEL    |
| 107-21-1 | Ethane-1,2-diol, vapour           | 20    | 52                |           | TWA (8 h)     | WEL    |
|          |                                   | 40    | 104               |           | STEL (15 min) | WEL    |
| 64-17-5  | Ethanol                           | 1000  | 1920              |           | TWA (8 h)     | WEL    |
| 67-63-0  | Propan-2-ol                       | 400   | 999               |           | TWA (8 h)     | WEL    |
|          |                                   | 500   | 1250              |           | STEL (15 min) | WEL    |

##### Biological Monitoring Guidance Values (EH40)

| CAS No  | Substance   | Parameter   | Value     | Test material | Sampling time |
|---------|-------------|-------------|-----------|---------------|---------------|
| 78-93-3 | Butan-2-one | butan-2-one | 70 µmol/L | urine         | Post shift    |

##### DNEL/DMEL values

| CAS No                   | Substance                                   | Exposure route | Effect   | Value                  |
|--------------------------|---|----------------|----------|------------------------|
| 64-17-5                  | ethanol, ethyl alcohol                      |                |          |                        |
| Worker DNEL, acute       |   | inhalation     | local    | 1900 mg/m <sup>3</sup> |
| Worker DNEL, long-term   |   | inhalation     | systemic | 950 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   |   | dermal         | systemic | 343 mg/kg bw/day       |
| Consumer DNEL, acute     |   | inhalation     | local    | 950 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |   | inhalation     | systemic | 114 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |   | oral           | systemic | 87 mg/kg bw/day        |
| Consumer DNEL, long-term |   | dermal         | systemic | 206 mg/kg bw/day       |
| 107-21-1                 | ethanediol, ethylene glycol                 |                |          |                        |
| Worker DNEL, long-term   |   | inhalation     | local    | 35 mg/m <sup>3</sup>   |
| Worker DNEL, long-term   |   | dermal         | systemic | 106 mg/kg bw/day       |
| Consumer DNEL, long-term |   | inhalation     | local    | 7 mg/m <sup>3</sup>    |
| Consumer DNEL, long-term |   | dermal         | systemic | 53 mg/kg bw/day        |
| 67-63-0                  | propan-2-ol; isopropyl alcohol; isopropanol |                |          |                        |
| Consumer DNEL, long-term |   | oral           | systemic | 26 mg/kg bw/day        |
| Worker DNEL, long-term   |   | dermal         | systemic | 888 mg/kg bw/day       |
| Consumer DNEL, long-term |   | dermal         | systemic | 319 mg/kg bw/day       |
| Worker DNEL, long-term   |   | inhalation     | systemic | 500 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |   | inhalation     | systemic | 89 mg/m <sup>3</sup>   |

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#### PNEC values

| CAS No   | Substance                                   | Value      |
|--|---|------------|
| Environmental compartment                        |   |            |
| 64-17-5  | ethanol, ethyl alcohol                      |            |
| Freshwater                                       |   | 0,96 mg/l  |
| Marine water                                     |   | 0,79 mg/l  |
| Freshwater sediment                              |   | 3,6 mg/l   |
| Marine sediment                                  |   | 2,9 mg/l   |
| Micro-organisms in sewage treatment plants (STP) |   | 580 mg/l   |
| Soil   |   | 0,63 mg/kg |
| 107-21-1   | ethanediol, ethylene glycol                 |            |
| Freshwater                                       |   | 10 mg/l    |
| Marine water                                     |   | 1 mg/l     |
| Freshwater sediment                              |   | 20,9 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |   | 199,5 mg/l |
| Soil   |   | 1,53 mg/kg |
| 67-63-0  | propan-2-ol; isopropyl alcohol; isopropanol |            |
| Freshwater                                       |   | 140,9 mg/l |
| Marine water                                     |   | 140,9 mg/l |
| Freshwater sediment                              |   | 552 mg/kg  |
| Marine sediment                                  |   | 552 mg/kg  |
| Micro-organisms in sewage treatment plants (STP) |   | 2251 mg/l  |
| Soil   |   | 28 mg/kg   |

#### 8.2. Exposure controls



##### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. Exposure controls / Personal protection equipment

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Suitable eye protection: goggles. With correct and proper use, and under normal conditions, not required.  
Recommendation: Wear eye/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Tested protective gloves are to be worn: The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.  
Suitable material: NBR (Nitrile rubber). Butyl rubber. Observe Glove plan!  
Thickness of glove material: 0,7 mm  
Breakthrough times and swelling properties of the material must be taken into consideration.

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Protect skin by using skin protective cream. Observe skin protection programme.  
Apply skin care products after work.

#### Skin protection

With correct and proper use, and under normal conditions, not required.  
Wear personal protection equipment.  
Wear anti-static footwear and clothing . .

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection. With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at: exceeding exposure limit values. Filtering device (full mask or mouthpiece) with filter: A-P2

#### Thermal hazards

Flame-retardant protective clothing. Wear anti-static footwear and clothing

#### Environmental exposure controls

No information available.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                 |                                  |
|-----------------|----------------------------------|
| Physical state: | Aerosol Active component: liquid |
| Colour:         | colourless                       |
| Odour:          | alcoholic                        |

#### Changes in the physical state

|   |                             |
|---|-----------------------------|
| Melting point/freezing point:                             | not determined              |
| Boiling point or initial boiling point and boiling range: | >78°C (Active component) °C |
| Flash point:  | >12°C (Active component) °C |

#### Flammability

|               |                |
|---------------|----------------|
| Solid/liquid: | not applicable |
| Gas:          | not applicable |

#### Explosive properties

Heating may cause an explosion. not explosive. In use, may form flammable/explosive vapour-air mixture.

|                            |                |
|----------------------------|----------------|
| Lower explosion limits:    | 1,5 vol. %     |
| Upper explosion limits:    | 15 vol. %      |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | not determined |
| pH-Value:                  | 6              |
| Water solubility:          | easily soluble |

#### Solubility in other solvents

not determined

|  |  |
|--|--|
| Partition coefficient n-octanol/water: | not determined                             |
| Vapour pressure:                       | not determined                             |
| Density:                               | 0,830 (Active component) g/cm <sup>3</sup> |
| Relative vapour density:               | not determined                             |

### 9.2. Other information

#### Information with regard to physical hazard classes

Oxidizing properties

The product is not: oxidising.



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#### Other safety characteristics

Solid content: not determined  
Evaporation rate: not determined

#### Further Information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Extremely flammable aerosol. Pressurized container: May burst if heated. The product has not been tested.

#### 10.2. Chemical stability

Stable with proper storage and handling.

#### 10.3. Possibility of hazardous reactions

No decomposition if used as intended

#### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air. Refer to chapter 7.

#### 10.5. Incompatible materials

Refer to chapter 7.  
Materials to avoid: Oxidizing agents.

#### 10.6. Hazardous decomposition products

Refer to chapter 5.  
No decomposition if used as intended

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in GB CLP Regulation

##### Toxicokinetics, metabolism and distribution

Mixture not tested. There are no data available on the preparation/mixture itself.

##### Acute toxicity

Based on available data, the classification criteria are not met.  
There are no data available on the mixture itself.

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| CAS No   | Chemical name                 |                  |         |        |        |
|----------|-------------------------------|------------------|---------|--------|--------|
|          | Exposure route                | Dose             | Species | Source | Method |
| 64-17-5  | ethanol, ethyl alcohol        |                  |         |        |        |
|          | oral                          | LD50 >2000 mg/kg | Rat     |        |        |
|          | dermal                        | LD50 >2000 mg/kg | Rabbit  |        |        |
|          | inhalation (4 h) vapour       | LC50 >20 mg/l    | Rat     |        |        |
| 107-21-1 | ethanediol, ethylene glycol   |                  |         |        |        |
|          | oral                          | LD50 >2000 mg/kg | Rat     |        |        |
|          | dermal                        | LD50 >2000 mg/kg | Mouse   |        |        |
|          | inhalation (4 h) dust/mist    | LC50 >2,5 mg/l   | Rat     |        |        |
| 124-38-9 | carbon dioxide                |                  |         |        |        |
|          | oral                          | LD50 >2000 mg/kg |         |        |        |
| 78-93-3  | Butanone                      |                  |         |        |        |
|          | oral                          | LD50 >2000 mg/kg | Rat     |        |        |
|          | dermal                        | LD50 >2000 mg/kg | Rabbit  |        |        |
| 106-99-0 | 1,3-butadiene, buta-1,3-diene |                  |         |        |        |
|          | oral                          | LD50 5480 mg/kg  | Rat     |        |        |

#### Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

There are no data available on the mixture itself.

#### Sensitising effects

Based on available data, the classification criteria are not met.

There are no data available on the mixture itself.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

There are no data available on the mixture itself.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

There are no data available on the mixture itself. No data available

#### STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

There are no data available on the mixture itself.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

There are no data available on the mixture itself. No data available

#### Specific effects in experiment on an animal

There are no data available on the mixture itself.

#### Additional information on tests

There are no data available on the mixture itself. No data available

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#### Practical experience

The evaluation based on subjective human observations: May cause drowsiness or dizziness. Headache. Can cause frostbite.

#### Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. Mixture not tested. There are no data available on the preparation/mixture itself.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Mixture not tested. There are no data available on the preparation/mixture itself.

| CAS No   | Chemical name               |                 |           |                                     |        |        |
|----------|-----------------------------|-----------------|-----------|-------------------------------------|--------|--------|
|          | Aquatic toxicity            | Dose            | [h]   [d] | Species                             | Source | Method |
| 64-17-5  | ethanol, ethyl alcohol      |                 |           |                                     |        |        |
|          | Acute fish toxicity         | LC50 >100 mg/l  | 96 h      | Leuciscus idus (golden orfe)        |        |        |
|          | Acute algae toxicity        | ErC50 >100 mg/l | 72 h      | Chlorella vulgaris                  |        |        |
|          | Acute crustacea toxicity    | EC50 >100 mg/l  | 48 h      | Daphnia magna                       |        |        |
| 107-21-1 | ethanediol, ethylene glycol |                 |           |                                     |        |        |
|          | Acute fish toxicity         | LC50 >100 mg/l  | 96 h      | Oncorhynchus mykiss (Rainbow trout) |        |        |
|          | Acute algae toxicity        | ErC50 >100 mg/l | 96 h      | Selenastrum capricornutum           |        |        |
|          | Acute crustacea toxicity    | EC50 >100 mg/l  | 48 h      | Daphnia magna                       |        |        |
|          | Fish toxicity               | NOEC 15380 mg/l | 7 d       | Pimephales promelas                 |        |        |
|          | Crustacea toxicity          | NOEC 8590 mg/l  | 7 d       | Ceriodaphnia spec                   |        |        |
| 78-93-3  | Butanone                    |                 |           |                                     |        |        |
|          | Acute fish toxicity         | LC50 >100 mg/l  | 96 h      | Pimephales promelas                 |        |        |
|          | Acute crustacea toxicity    | EC50 >100 mg/l  | 48 h      |                                     |        |        |

#### 12.2. Persistence and degradability

The product has not been tested. No data available

#### 12.3. Bioaccumulative potential

No data available

#### Partition coefficient n-octanol/water

| CAS No   | Chemical name               | Log Pow |
|----------|-----------------------------|---------|
| 64-17-5  | ethanol, ethyl alcohol      | -0,32   |
| 107-21-1 | ethanediol, ethylene glycol | -1,36   |

#### BCF

| CAS No  | Chemical name          | BCF  | Species | Source |
|---------|------------------------|------|---------|--------|
| 64-17-5 | ethanol, ethyl alcohol | 0,66 |         |        |

#### 12.4. Mobility in soil

No data available

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#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

No data available

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No data available

#### **Further information**

Avoid release to the environment. Mixture not tested. There are no data available on the preparation/mixture itself.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. The waste codes are recommendations based on the scheduled use of this products. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

(2001/118/EC, 2001/119/EC, 2001/573/EC)

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

##### **List of Wastes Code - used product**

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors; hazardous waste

##### **List of Wastes Code - contaminated packaging**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

##### **Contaminated packaging**

Completely emptied packages can be recycled. Recommendation: Dispose of waste according to applicable legislation. E.g. Dispose of contents/container to industrial incineration plant. Or: Dispose of this material and its container to hazardous or special waste collection point.

Do not empty into drains.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

|   |          |
|---|----------|
| <b><u>14.1. UN number or ID number:</u></b>     | UN 1950  |
| <b><u>14.2. UN proper shipping name:</u></b>    | AEROSOLS |
| <b><u>14.3. Transport hazard class(es):</u></b> | 2        |
| <b><u>14.4. Packing group:</u></b>              | -        |
| Hazard label:                                   | 2.1      |



|                      |                 |
|----------------------|-----------------|
| Classification code: | 5F              |
| Special Provisions:  | 190 327 344 625 |
| Limited quantity:    | 1 L             |
| Excepted quantity:   | E0              |
| Transport category:  | 2               |

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Tunnel restriction code: D

#### Inland waterways transport (ADN)

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Excepted quantity: E0

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
Hazard label: 2.1



Special Provisions: 63, 190, 277, 327, 344, 381, 959  
Limited quantity: 1000 mL  
Excepted quantity: E0  
EmS: F-D, S-U

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

Persons employed in transporting dangerous goods must be trained. Precautions must be taken to prevent damage.

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

No data available

#### Other applicable information

Minimum amount regulations: &lt; 1 litre

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 29, Entry 40, Entry 75

2010/75/EU (VOC): 98,282 %

2004/42/EC (VOC): 98,282 %

Information according to 2012/18/EU (SEVESO III): P3a FLAMMABLE AEROSOLS

##### Additional information

Labelling for contents according to regulation (EC) No 648/2004, annex 7: No.

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Aerosol Directive (75/324/).

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,4,5,6,7,8,9,10,11,13,14,15,16.

These details refer to the products as it is delivered.

Follow the instructions for use on the label.

\* Data changed compared with the previous version.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

@1602.B016012

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety

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assessment, chapter R.20 (Table of terms and abbreviations).

#### Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification       | Classification procedure      |
|----------------------|-------------------------------|
| Aerosol 1; H222-H229 | On basis of test data         |
| Eye Irrit. 2; H319   | Bridging principle "Aerosols" |

#### Relevant H and EUH statements (number and full text)

|        |  |
|--------|--|
| H220   | Extremely flammable gas.   |
| H222   | Extremely flammable aerosol.                                       |
| H225   | Highly flammable liquid and vapour.                                |
| H229   | Pressurised container: May burst if heated.                        |
| H281   | Contains refrigerated gas; may cause cryogenic burns or injury.    |
| H302   | Harmful if swallowed.  |
| H319   | Causes serious eye irritation.                                     |
| H336   | May cause drowsiness or dizziness.                                 |
| H340   | May cause genetic defects.   |
| H350   | May cause cancer.  |
| H373   | May cause damage to organs through prolonged or repeated exposure. |
| EUH066 | Repeated exposure may cause skin dryness or cracking.              |

#### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*