

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

### 1.1. Product identifier

Product form : Mixture  
Trade name : Rubio Monocoat Limespot Remover  
UFI : VH30-V0UP-V000-XSF3  
  
Type of product : Detergent

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

#### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use  
Use of the substance/mixture : removing calcareous water stains on a surface treated with RMC Oil.

#### 1.2.2. Uses advised against

No additional information available

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

#### Supplier

Muylle Facon B.V.B.A. - Rubio Monocoat  
Ambachtenstraat 58  
B 8870 Izegem  
Belgium  
T +32 (0) 51 30 80 54, F +32 (0) 51 30 99 78  
[info@rubiomonocoat.com](mailto:info@rubiomonocoat.com), [www.rubiomonocoat.com](http://www.rubiomonocoat.com)

#### Distributor

Rubio Monocoat Norway AS  
Kolonivegen 43  
2072 Dal  
Norway  
T +47 63 95 63 95  
<https://www.rubiomonocoat.com>

### 1.4. Emergency telephone number

| Country        | Organisation/Company  | Address                     | Emergency number | Comment                           |
|----------------|---|-----------------------------|------------------|-----------------------------------|
| Australia      | NSW Poisons Information Centre<br>The Children's Hospital at Westmead               | Locked Bag 4001<br>NSW 2145 | 13 11 26         |                                   |
| United Kingdom | National Poisons Information Service<br>(Belfast Centre)<br>Royal Victoria Hospital | Grosvenor Road<br>BT12 6BA  | 0344 892 0111    | Only for healthcare professionals |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 2 H319

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

#### Adverse physicochemical, human health and environmental effects

No additional information available

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### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

CLP Signal word

: Warning

Hazard statements (CLP)

: H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P264 - Wash hands, forearms and face thoroughly after handling.

P280 - Wear eye protection, protective gloves.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

| Component                                   |   |
|---|---|
| Acetic acid, 80% aqueous solution (64-19-7) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name  | Product identifier  | %    | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|------|---|
| Acetic acid, 80% aqueous solution substance with national workplace exposure limit(s) (BE, DK, FR, GB, NO, CH); substance with a Community workplace exposure limit | CAS-No.: 64-19-7<br>EC-No.: 200-580-7<br>EC Index-No.: 607-002-00-6<br>REACH-no: 01-2119475328-30 | < 25 | Flam. Liq. 3, H226<br>Skin Corr. 1A, H314                       |

| Specific concentration limits:    |   |  |
|-----------------------------------|---|--|
| Name                              | Product identifier  | Specific concentration limits  |
| Acetic acid, 80% aqueous solution | CAS-No.: 64-19-7<br>EC-No.: 200-580-7<br>EC Index-No.: 607-002-00-6<br>REACH-no: 01-2119475328-30 | (10 $\leq$ C < 25) Skin Irrit. 2, H315<br>(10 $\leq$ C < 25) Eye Irrit. 2, H319<br>(25 $\leq$ C < 90) Skin Corr. 1B, H314<br>(90 $\leq$ C < 100) Skin Corr. 1A, H314 |

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

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : If medical advice is needed, have product container or label at hand.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.  |
| First-aid measures after skin contact | : If on skin : Wash with plenty of soap and water.  |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. irritation persists. |
| First-aid measures after ingestion    | : In all cases of doubt, or when symptoms persist, seek medical attention.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : If you feel unwell, seek medical advice.                               |
| Symptoms/effects after inhalation   | : None under normal use.   |
| Symptoms/effects after skin contact | : Causes skin irritation.  |
| Symptoms/effects after eye contact  | : Risk of serious damage to eyes.  |
| Symptoms/effects after ingestion    | : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. |

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

Show this safety data sheet to the doctor or emergency department.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                              |   |
|------------------------------|---|
| Suitable extinguishing media | : Water mist, carbonic acid, foam or powder against ambient fire. |
|------------------------------|---|

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

No additional information available

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Precautionary measures fire    | : Evacuate area.  |
| Firefighting instructions      | : Prevent fire fighting water from entering the environment.        |
| Protection during firefighting | : Self-contained breathing apparatus. Complete protective clothing. |
| Other information              | : Exercise caution when fighting any chemical fire.                 |

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

|                      |   |
|----------------------|---|
| Emergency procedures | : Do not get in eyes, on skin, or on clothing. Use personal protective equipment - see point 8. Limit spread. |
|----------------------|---|

##### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Safety glasses. Protective gloves. Do not attempt to take action without suitable protective equipment. |
|----------------------|---|

#### 6.2. Environmental precautions

Avoid discharge into the sewer - see point 12. Inform the local environmental authorities in the event of a release to the surroundings.

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

|                         |  |
|-------------------------|--|
| For containment         | : Collect spillage.  |
| Methods for cleaning up | : Liquid is absorbed with granules or similar. Collect in suitable containers. Rinse thoroughly with water. Further handling of spillage - see point 13. |
| Other information       | : Dispose of materials or solid residues at an authorized site.  |

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### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : After contact with skin, wash immediately and thoroughly with water and soap. Remove contaminated clothes. Avoid inhalation of vapour and spray mist. Work in a well-ventilated area. Eyewash bottle with clean water.

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

Storage conditions : Keep container tightly closed.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Rubio Monocoat Limespot Remover                    |   |
|--|---|
| Norway - Occupational Exposure Limits              |   |
| Regulatory reference                               | Arbeidstilsynets grenseverdier (forskrift om tiltaks- og grenseverdier nr. 581, 05.04.2024) |
| Acetic acid, 80% aqueous solution (64-19-7)        |   |
| EU - Indicative Occupational Exposure Limit (IOEL) |   |
| IOELV TWA (mg/m³)                                  | 25 mg/m³  |
| IOELV STEL (mg/m³)                                 | 50 mg/m³  |
| Belgium - Occupational Exposure Limits             |   |
| Local name   | Acide acétique # Azijnzuur  |
| Limit value [mg/m³]                                | 25 mg/m³  |
| Limit value [ppm]                                  | 10 ppm  |
| Short time value [mg/m³]                           | 38 mg/m³  |
| Short time value [ppm]                             | 15 ppm  |
| Regulatory reference                               | Koninklijk besluit/Arrêté royal 11/05/2021  |
| Denmark - Occupational Exposure Limits             |   |
| Local name   | Eddikesyre  |
| Grænseværdi (8 timer) (mg/m³)                      | 25 mg/m³  |
| Grænseværdi (8 timer) (ppm)                        | 10 ppm  |
| Grænseværdi (STEL) (mg/m³)                         | 50 mg/m³  |
| Grænseværdi (STEL) (ppm)                           | 20 ppm  |
| Remark   | E   |
| France - Occupational Exposure Limits              |   |
| VLE [mg/m³]  | 25 mg/m³  |

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| Acetic acid, 80% aqueous solution (64-19-7)   |  |
|---|--|
| VLE [ppm]                                     | 10 ppm   |
| United Kingdom - Occupational Exposure Limits |  |
| Local name                                    | Acetic acid  |
| WEL TWA (mg/m³)                               | 25 mg/m³   |
| WEL TWA (ppm)                                 | 10 ppm   |
| WEL STEL (mg/m³)                              | 50 mg/m³   |
| WEL STEL (OEL STEL) [ppm]                     | 20 ppm   |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE                              |
| Norway - Occupational Exposure Limits         |  |
| Local name                                    | Eddiksyre  |
| Grenseverdier (AN) (mg/m³)                    | 25 mg/m³   |
| Grenseverdier (AN) (ppm)                      | 10 ppm   |
| Switzerland - Occupational Exposure Limits    |  |
| Local name                                    | Essigsäure   |
| VME [mg/m³]                                   | 25 mg/m³   |
| VME [ppm]                                     | 10 ppm   |
| VLE [mg/m³]                                   | 50 mg/m³   |
| VLE [ppm]                                     | 20 ppm   |
| Notation                                      | SSC Keine Schädigung der Leibesfrucht bei Einhaltung des MAK-Werts |
| Remark  | Messmethoden = NIOSH + OSHA  |
| USA - ACGIH - Occupational Exposure Limits    |  |
| Local name                                    | Acetic acid  |
| ACGIH TWA (ppm)                               | 10 ppm   |
| ACGIH STEL (ppm)                              | 15 ppm   |
| Remark (ACGIH)                                | TLV® Basis: URT & eye irr; pulm func                               |
| Regulatory reference                          | ACGIH 2023   |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

| Acetic acid, 80% aqueous solution (64-19-7) |          |
|---|----------|
| DNEL/DMEL (Workers)                         |          |
| Acute - local effects, inhalation           | 25 mg/m³ |
| Long-term - local effects, inhalation       | 25 mg/m³ |
| DNEL/DMEL (General population)              |          |
| Acute - local effects, inhalation           | 25 mg/m³ |
| Long-term - local effects, inhalation       | 25 mg/m³ |

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### Acetic acid, 80% aqueous solution (64-19-7)

#### PNEC (Water)

|                        |            |
|------------------------|------------|
| PNEC aqua (freshwater) | 3,058 mg/l |
|------------------------|------------|

|                          |             |
|--------------------------|-------------|
| PNEC aqua (marine water) | 0,3058 mg/l |
|--------------------------|-------------|

|                                      |            |
|--------------------------------------|------------|
| PNEC aqua (intermittent, freshwater) | 30,58 mg/l |
|--------------------------------------|------------|

#### PNEC (Sediment)

|                            |                 |
|----------------------------|-----------------|
| PNEC sediment (freshwater) | 11,36 mg/kg dwt |
|----------------------------|-----------------|

|                              |                 |
|------------------------------|-----------------|
| PNEC sediment (marine water) | 1,136 mg/kg dwt |
|------------------------------|-----------------|

#### PNEC (Soil)

|           |                 |
|-----------|-----------------|
| PNEC soil | 0,478 mg/kg dwt |
|-----------|-----------------|

#### PNEC (STP)

|                             |         |
|-----------------------------|---------|
| PNEC sewage treatment plant | 85 mg/l |
|-----------------------------|---------|

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

During spraying wear suitable respiratory equipment.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Protective goggles. Gloves.

#### Personal protective equipment symbol(s):



### 8.2.2.1. Eye and face protection

#### Eye protection

| Type           | Use     | Characteristics   | Standard     |
|----------------|---------|-------------------|--------------|
| Safety glasses | Droplet | With side shields | EN ISO 16321 |

### 8.2.2.2. Skin protection

#### Hand protection

| Type              | Material             | Permeation        | Thickness (mm) | Penetration | Standard |
|-------------------|----------------------|-------------------|----------------|-------------|----------|
| protective gloves | Nitrile rubber (NBR) | 5 (> 240 minutes) | >0,3           |             | EN 374-2 |

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Usually not necessary. In case of insufficient ventilation or spraying: Use approved mask with particle filter P2 (EN149). The filters have a limited service life (must be changed). Read the manufacturer's instructions.

#### Respiratory protection

| Device              | Filter type | Condition | Standard |
|---------------------|-------------|-----------|----------|
| Gas/Particle Filter | typeA/P2    |           | EN 140   |

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### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

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

|                                 |   |
|---------------------------------|---|
| Physical state                  | : Liquid                                |
| Colour                          | : transparent.                          |
| Appearance                      | : Liquid.                               |
| Odour                           | : vinegar odour.                        |
| Odour threshold                 | : Not available                         |
| Melting point                   | : $\approx 0\text{ }^{\circ}\text{C}$   |
| Freezing point                  | : Not available                         |
| Boiling point                   | : $\approx 100\text{ }^{\circ}\text{C}$ |
| Flammability                    | : Not available                         |
| Explosive limits                | : Not available                         |
| Lower explosive limit (LEL)     | : Not available                         |
| Upper explosive limit (UEL)     | : Not available                         |
| Flash point                     | : $> 60\text{ }^{\circ}\text{C}$        |
| Auto-ignition temperature       | : Not available                         |
| Decomposition temperature       | : Not available                         |
| pH                              | : 2,1                                   |
| Viscosity, kinematic            | : Not available                         |
| Solubility                      | : Soluble in water.                     |
| Log Kow                         | : Not available                         |
| Vapour pressure                 | : Not available                         |
| Vapour pressure at 50°C         | : Not available                         |
| Density                         | : 1,02 kg/l                             |
| Relative density                | : Not available                         |
| Relative vapour density at 20°C | : Not available                         |
| Particle characteristics        | : Not applicable                        |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 20 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Avoid oxidizing agents as well as strong acids and bases. Stable in use and storage conditions as recommended in item 7.

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

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### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Bases. Acids. oxidizing agents.

### 10.6. Hazardous decomposition products

Fire may liberate carbon oxides (CO) and smoke.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

#### Acetic acid, 80% aqueous solution (64-19-7)

|                       |                       |
|-----------------------|-----------------------|
| LD50 oral rat         | 3310 mg/kg            |
| LD50 oral             | 3310 mg/kg bodyweight |
| LD50 dermal           | 1060 mg/kg bodyweight |
| LC50 Inhalation - Rat | > 40 mg/l/4h          |

Skin corrosion/irritation : Causes skin irritation.  
pH: 2,1  
Serious eye damage/irritation : Causes serious eye irritation.  
pH: 2,1  
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)  
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)  
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)  
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)  
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)  
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Not applicable.  
Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)  
Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

#### Acetic acid, 80% aqueous solution (64-19-7)

|                                |                                     |
|--------------------------------|-------------------------------------|
| LC50 fish 1                    | > 1000 mg/l                         |
| LC50 fish 2                    | 88 mg/l (96 h; Pimephales promelas) |
| EC50 Daphnia 1                 | 6000 mg/l (24 h; Daphnia magna)     |
| EC50 Daphnia 2                 | 32 mg/l (48 h; Artemia salina)      |
| EC50 other aquatic organisms 1 | > 1000 mg/l waterflea               |



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### Acetic acid, 80% aqueous solution (64-19-7)

|                         |                                     |
|-------------------------|-------------------------------------|
| ErC50 (algae)           | 300,82 mg/l (Algae; 72h)            |
| TLM fish 1              | 47 mg/l (96 h; Lepomis macrochirus) |
| TLM fish 2              | 100 ppm (96 h; Carassius auratus)   |
| Threshold limit algae 1 | 90 mg/l (Microcystis aeruginosa)    |
| Threshold limit algae 2 | 4000 mg/l (Scenedesmus quadricauda) |

### 12.2. Persistence and degradability

#### Acetic acid, 80% aqueous solution (64-19-7)

|                               |                                 |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
|-------------------------------|---------------------------------|

### 12.3. Bioaccumulative potential

#### Acetic acid, 80% aqueous solution (64-19-7)

|                           |                 |
|---------------------------|-----------------|
| Log Pow                   | -0,2            |
| Bioaccumulative potential | Not applicable. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation : Waste substance number = 7133.  
Waste disposal recommendations : Discharging into rivers and drains is forbidden. Dispose of in accordance with relevant local regulations.  
Additional information : Clean up even minor leaks or spills if possible without unnecessary risk.  
Ecology - waste materials : Avoid release to the environment.  
European List of Waste (LoW, EC 2000/532) : 16 10 01\* - aqueous liquid wastes containing dangerous substances  
H code :

## SECTION 14: Transport information






In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                 | IMDG    | IATA    | ADN     | RID     |
|-------------------------------------|---------|---------|---------|---------|
| <b>14.1. UN number or ID number</b> |         |         |         |         |
| UN 2790                             | UN 2790 | UN 2790 | UN 2790 | UN 2790 |

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| ADR   | IMDG  | IATA  | ADN   | RID   |
|---|---|---|---|---|
| 14.2. UN proper shipping name   |   |   |   |   |
| ACETIC ACID SOLUTION  | ACETIC ACID SOLUTION  | Acetic acid solution  | ACETIC ACID SOLUTION  | ACETIC ACID SOLUTION  |
| Transport document description  |   |   |   |   |
| UN 2790 ACETIC ACID SOLUTION, 8, III, (E)   | UN 2790 ACETIC ACID SOLUTION, 8, III  | UN 2790 Acetic acid solution, 8, III  | UN 2790 ACETIC ACID SOLUTION, 8, III  | UN 2790 ACETIC ACID SOLUTION, 8, III  |
| 14.3. Transport hazard class(es)  |   |   |   |   |
| 8   | 8   | 8   | 8   | 8   |
|  |  |  |  |  |
| 14.4. Packing group   |   |   |   |   |
| III   | III   | III   | III   | III   |
| 14.5. Environmental hazards   |   |   |   |   |
| Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No                         | Dangerous for the environment: No   | Dangerous for the environment: No   | Dangerous for the environment: No   |
| No supplementary information available  |   |   |   |   |

### 14.6. Special precautions for user

#### Overland transport

|   |   |
|---|---|
| Classification code (ADR)                                 | : C3  |
| Special provisions (ADR)                                  | : 597, 647  |
| Limited quantities (ADR)                                  | : 5I  |
| Excepted quantities (ADR)                                 | : E1  |
| Packing instructions (ADR)                                | : P001, IBC03, LP01, R001   |
| Mixed packing provisions (ADR)                            | : MP19  |
| Portable tank and bulk container instructions (ADR)       | : T4  |
| Portable tank and bulk container special provisions (ADR) | : TP1   |
| Tank code (ADR)   | : L4BN  |
| Vehicle for tank carriage                                 | : AT  |
| Transport category (ADR)                                  | : 3   |
| Special provisions for carriage - Packages (ADR)          | : V12   |
| Hazard identification number (Kemler No.)                 | : 80  |
| Orange plates   | :  |

|                               |       |
|-------------------------------|-------|
| Tunnel restriction code (ADR) | : E   |
| EAC code                      | : •2R |

#### Transport by sea

|                                 |              |
|---------------------------------|--------------|
| Limited quantities (IMDG)       | : 5 L        |
| Excepted quantities (IMDG)      | : E1         |
| Packing instructions (IMDG)     | : P001, LP01 |
| IBC packing instructions (IMDG) | : IBC03      |
| Tank instructions (IMDG)        | : T4         |
| Tank special provisions (IMDG)  | : TP1        |
| EmS-No. (Fire)                  | : F-A        |
| EmS-No. (Spillage)              | : S-B        |
| Stowage category (IMDG)         | : A          |

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|                                    |   |
|------------------------------------|---|
| Segregation (IMDG)                 | : SGG1, SG36, SG49  |
| Properties and observations (IMDG) | : Colourless liquid with a pungent odour. Miscible with water. Corrosive to lead and most other metals. Corrosive to skin, eyes and mucous membranes. |

### Air transport

|  |        |
|--|--------|
| PCA Excepted quantities (IATA)               | : E1   |
| PCA Limited quantities (IATA)                | : Y841 |
| PCA limited quantity max net quantity (IATA) | : 1L   |
| PCA packing instructions (IATA)              | : 852  |
| PCA max net quantity (IATA)                  | : 5L   |
| CAO packing instructions (IATA)              | : 856  |
| CAO max net quantity (IATA)                  | : 60L  |
| Special provisions (IATA)                    | : A803 |
| ERG code (IATA)                              | : 8L   |

### Inland waterway transport

|                                   |            |
|-----------------------------------|------------|
| Classification code (ADN)         | : C3       |
| Special provisions (ADN)          | : 597, 647 |
| Limited quantities (ADN)          | : 5 L      |
| Excepted quantities (ADN)         | : E1       |
| Equipment required (ADN)          | : PP, EP   |
| Number of blue cones/lights (ADN) | : 0        |

### Rail transport

|   |                           |
|---|---------------------------|
| Classification code (RID)                                 | : C3                      |
| Special provisions (RID)                                  | : 597, 647                |
| Limited quantities (RID)                                  | : 5L                      |
| Excepted quantities (RID)                                 | : E1                      |
| Packing instructions (RID)                                | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (RID)                            | : MP19                    |
| Portable tank and bulk container instructions (RID)       | : T4                      |
| Portable tank and bulk container special provisions (RID) | : TP1                     |
| Tank codes for RID tanks (RID)                            | : L4BN                    |
| Transport category (RID)                                  | : 3                       |
| Special provisions for carriage – Packages (RID)          | : W12                     |
| Colis express (express parcels) (RID)                     | : CE8                     |
| Hazard identification number (RID)                        | : 80                      |

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

| EU restriction list (REACH Annex XVII) |                                   |   |
|--|-----------------------------------|---|
| Reference code                         | Applicable on                     | Entry title or description  |
| 3(a)                                   | Acetic acid, 80% aqueous solution | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F          |
| 3(b)                                   | Acetic acid, 80% aqueous solution | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |

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| EU restriction list (REACH Annex XVII) |                                   |  |
|--|-----------------------------------|--|
| Reference code                         | Applicable on                     | Entry title or description   |
| 40.                                    | Acetic acid, 80% aqueous solution | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

Contains no substance(s) listed on the REACH Candidate List  
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)  
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)  
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)  
Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)  
Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)  
VOC content : 20 %  
Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

**Germany**  
Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

**Netherlands**  
ABM category : B(4) - low hazard for aquatic organisms  
SZW-list of carcinogenic substances : None of the components are listed  
SZW-list of mutagenic substances : None of the components are listed  
NON-exhaustive list of reprotoxic substances - Breastfeeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
NON-exhaustive list of reprotoxic substances - Development : None of the components are listed

**Denmark**  
Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

**Norway**  
Other information :

**Switzerland**  
Storage class (LK) : LK 8 - Corrosive materials

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2          |
| Flam. Liq. 3                        | Flammable liquids, Category 3                          |
| H226                                | Flammable liquid and vapour.                           |
| H314                                | Causes severe skin burns and eye damage.               |
| H315                                | Causes skin irritation.                                |
| H319                                | Causes serious eye irritation.                         |
| Skin Corr. 1A                       | Skin corrosion/irritation, Category 1, Sub-Category 1A |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B |

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| Full text of H- and EUH-statements: |                                       |
|-------------------------------------|---------------------------------------|
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2 |

The classification complies with : ATP 18

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.