

Trade name: una SANITARY

Substance number: SUB302020860000

Version: 2 / EU

Date revised: 26.05.07

the date of issue: 22.03.07

Replaces Version: 1 / EU

Date of printing: 08.10.12

## **1. Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

**una SANITARY**

S001200020

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

#### **Use of the substance/preparation**

Sanitary cleanser, For industrial application only.

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

#### **Manufacture**

|               |   |
|---------------|---|
| Firms         | HAGLEITNER HYGIENE<br>INTERNATIONAL GmbH            |
| Address       | Lunastrasse 5<br>5700 Zell am See - Austria         |
| Telephone no. | +43 (0)5 0456                                       |
| Fax no.       | +43 (0)5 0456 7777                                  |
| E-Mail        | international@hagleitner.com                        |
| Website       | www.hagleitner.com<br>Monday - Friday 08:00 - 17:00 |

#### **Contact person**

|   |  |
|---|--|
| Division  | Regulatory Affairs   |
| E-mail address of person responsible for this SDS | sicherheit@hagleitner.com<br>Monday - Friday 08:00 - 17:00 |
| Emergency telephone                               | Anti Poison Center Vienna: +43 (0)1 406 43430              |

#### **Address**

|   |                           |
|---|---------------------------|
| HAGLEITNER HYGIENE International GmbH                   |                           |
| Lunastrasse 5   |                           |
| AT5700 Zell am See                                      |                           |
| Telephone no.   | +43 (0)5 0456             |
| Fax no.   | +43 (0)5 0456 7777        |
| E-Mail  | sicherheit@hagleitner.com |
| Information provided<br>by / telephone                  | Regulatory Affairs        |
| E-mail address of<br>person responsible<br>for this SDS | sicherheit@hagleitner.com |

### **1.4. Emergency telephone number**

Anti Poison Center Vienna: +43 (0)1 406 43430

## **2. Hazards identification**

### **2.2. Label elements**

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

For industrial application only.

**Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product is classified and labelled in accordance with EC directives/the relevant national laws.

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irritant

**R phrases**

36 Irritating to eyes.

**S phrases**

2 Keep out of the reach of children.  
 25 Avoid contact with eyes.  
 39 Wear eye/face protection.  
 60 This material and its container must be disposed of as hazardous waste.

**Hazardous component(s) to be indicated on label**

contains -

**2.3. Other hazards**

No special hazards have to be mentioned.

**3. Composition/information on ingredients****Hazardous ingredients****Fatty Alcohol ethoxylated C13 8EO**

|                  |                    |   |   |    |   |
|------------------|--------------------|---|---|----|---|
| CAS No.          | POLYMER            |   |   |    |   |
| EINECS no.       | N.A.               |   |   |    |   |
| Registration no. | POLYMER            |   |   |    |   |
| Concentration    | >=                 | 1 | < | 10 | % |
| Classification   | Xn, R22<br>Xi, R41 |   |   |    |   |

**Citric acid**

|                  |           |   |   |    |   |
|------------------|-----------|---|---|----|---|
| CAS No.          | 77-92-9   |   |   |    |   |
| EINECS no.       | 201-069-1 |   |   |    |   |
| Registration no. | PRE       |   |   |    |   |
| Concentration    | >=        | 1 | < | 10 | % |
| Classification   | Xi, R36   |   |   |    |   |

**Ingredients (Regulation (EC) No 648/2004)**

less than 5 %:  
 non-ionic surfactants  
 constituent:  
 perfumes  
 allergenic fragrances (>0,01% by weight):  
 BENZYL SALICYLATE

**4. First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

**After inhalation**

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Ensure supply of fresh air. No special measures necessary.

**After skin contact**

In case of contact with skin wash off with warm water. No special measures necessary.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

**After ingestion**

Rinse mouth thoroughly with water. When swallowed seek medical aid immediately and show the physician the packaging or the label of the packaging.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media**

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

**Non Suitable extinguishing media**

Compatible with all usual extinguishing media.

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

None known

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

**Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

## **6. Accidental release measures**

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

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

### **6.2. Environmental precautions**

Do not discharge into the subsoil/soil. Do not discharge into surface waters/groundwater.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). Rinse away rest with plenty of water.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

**Advice on safe handling**

Keep container tightly closed. Observe the usual precautions for handling chemicals.

**Advice on protection against fire and explosion**

The product is not combustible.

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

**Recommended storage temperature**

|       |    |    |    |
|-------|----|----|----|
| Value | 10 | 30 | °C |
|-------|----|----|----|

**Storage stability**

Storage life: 3 years

**Requirements for storage rooms and vessels**

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Keep only in the original container.

**VCI storage category**

VCI storage category 12 Non-combustible liquids

**Further information on storage conditions**

Keep locked up and out of reach of children.

**7.3. Specific end use(s)**

For industrial application only.

**8. Exposure controls/personal protection****8.2. Exposure controls****General protective and hygiene measures**

Avoid prolonged and/or repeated contact with skin. Use barrier skin cream. Do not eat, drink or smoke during work time. Observe the usual precautions when handling chemicals.

**Respiratory protection**

Breathing apparatus in the event of aerosol or mist formation. Not necessary, but do not inhale vapours.

**Hand protection**

In case of intensive contact wear protective gloves.

**Eye protection**

Safety glasses

**Body protection**

Clothing as usual in the chemical industry.

**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|  |                     |      |                   |
|--|---------------------|------|-------------------|
| <b>Form</b>  | Liquid, opaque      |      |                   |
| <b>Colour</b>  | red                 |      |                   |
| <b>Odour</b>   | Product specific    |      |                   |
| <b>pH</b>  |                     |      |                   |
| Value  | appr.               | 2,6  |                   |
| Concentration/H <sub>2</sub> O                       |                     | 100  | %                 |
| Temperature  |                     | 20   | °C                |
| Remarks  | acidic              |      |                   |
| <b>Freezing point</b>                                |                     |      |                   |
| Value  | appr.               | -4   | to 4 °C           |
| <b>Boiling point</b>                                 |                     |      |                   |
| Value  | appr.               | 100  | °C                |
| <b>Flash point</b>                                   |                     |      |                   |
| Value  | >                   | 100  | °C                |
| <b>Vapour pressure</b>                               |                     |      |                   |
| Remarks  | not determined      |      |                   |
| <b>Density</b>                                       |                     |      |                   |
| Value  |                     | 1,05 | g/cm <sup>3</sup> |
| <b>Solubility in water</b>                           |                     |      |                   |
| Remarks  | Completely miscible |      |                   |
| <b>Octanol/water partition coefficient (log Pow)</b> |                     |      |                   |

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Remarks not determined

**Thermal decomposition**

Remarks No decomposition if used as prescribed.

**Viscosity****dynamic**

Value appr. 50 mPa.s

**Oxidising properties**

valuation None known

**10. Stability and reactivity****10.4. Conditions to avoid**

Do not keep at temperatures above 30 °C.

**Thermal decomposition**

Remarks No decomposition if used as prescribed.

**10.5. Incompatible materials**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**Species rat  
LD50 > 2500 mg/kg**Skin corrosion/irritation**

valuation slight irritant effect - does not require labelling

**Serious eye damage/irritation**

valuation irritant

**Sensitization**

valuation non-sensitizing

**12. Ecological information****12.1. Toxicity****Fish toxicity**Reference substance Citric acid  
CAS No. 77-92-9  
LC50 440 to 706 mg/lReference substance Fatty Alcohol ethoxylated C13 8EO  
CAS No. POLYMER  
Species golden orfe (Leuciscus idus)  
LC50 1 to 10 mg/l  
Duration of exposure 96 h**Daphnia toxicity**

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|                      |                                   |
|----------------------|-----------------------------------|
| Reference substance  | Fatty Alcohol ethoxylated C13 8EO |
| CAS No.              | POLYMER                           |
| Species              | Daphnia magna                     |
| Duration of exposure | 1 to 10 mg/l<br>48 h              |

|                      |                |
|----------------------|----------------|
| Reference substance  | Citric acid    |
| CAS No.              | 77-92-9        |
| Species              | Daphnia magna  |
| EC50                 | appr. 120 mg/l |
| Duration of exposure | 72 h           |
| Source               | IUCLID         |

**Algae toxicity**

|                      |                                   |
|----------------------|-----------------------------------|
| Reference substance  | Fatty Alcohol ethoxylated C13 8EO |
| CAS No.              | POLYMER                           |
| EC50                 | 1 to 10 mg/l                      |
| Duration of exposure | 72 h                              |

|                      |                         |
|----------------------|-------------------------|
| Reference substance  | Citric acid             |
| CAS No.              | 77-92-9                 |
| Species              | Scenedesmus quadricauda |
| EC0                  | 640 mg/l                |
| Duration of exposure | 7 d                     |
| Source               | IUCLID                  |

**Bacteria toxicity**

|                     |              |
|---------------------|--------------|
| Reference substance | Citric acid  |
| CAS No.             | 77-92-9      |
| EC10                | > 10000 mg/l |

|                      |                                   |
|----------------------|-----------------------------------|
| Reference substance  | Fatty Alcohol ethoxylated C13 8EO |
| CAS No.              | POLYMER                           |
| Species              | activated sludge                  |
| EC10                 | > 10000 mg/l                      |
| Duration of exposure | 17 h                              |
| Source               | Literature value                  |

**12.3. Bioaccumulative potential****Octanol/water partition coefficient (log Pow)**

Remarks not determined

**12.6. Other adverse effects****General information / ecology**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. After an indented use this product can reach the watercourses.

**13. Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

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EWC waste code 20 01 30 detergents other than those mentioned in 20 01 29  
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

**Disposal recommendations for packaging**

Completely emptied packagings can be given for recycling.

**14. Transport information****Land transport ADR/RID**

Non-dangerous goods

**Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.

**Air transport ICAO/IATA**

The product does not constitute a hazardous substance in air transport.

**15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC**

|          |     |   |
|----------|-----|---|
| VOC (CH) | 0,0 | % |
| VOC (EU) | 0,0 | % |

**16. Other information**

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (\*) in the left-hand margin.

**R-phrases listed in Chapter 3**

|    |                                 |
|----|---------------------------------|
| 22 | Harmful if swallowed.           |
| 36 | Irritating to eyes.             |
| 41 | Risk of serious damage to eyes. |

**Supplemental information**

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

