

Trade name: una GLASS

Substance number: SUB302021490000

Version: 4 / EU

Date revised: 06.07.2015

the date of issue: 14.07.08

Replaces Version: 3 / EU

Print date: 22.12.15

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

### **1.1. Product identifier**

*una GLASS*

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

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

Concentrated glass- and window cleaning agent. For industrial application only.

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

#### **Address/Manufacturer**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
A-5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-Mail regulatoryaffairs@hagleitner.at  
Information provided by / telephone Regulatory Affairs  
E-mail address of person responsible regulatoryaffairs@hagleitner.at  
for this SDS

#### **Address/Supplier**

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 address of person responsible regulatoryaffairs@hagleitner.at  
for this SDS

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

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

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

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

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### **2.3. Other hazards**

No special hazards have to be mentioned.

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## **SECTION 3: Composition/information on ingredients**

### **3.2. Mixtures**

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

less than 5 %:  
non-ionic surfactants

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

#### **After inhalation**

Ensure supply of fresh air. No special measures required.

#### **After skin contact**

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

#### **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. If swallowed, seek medical advice immediately and show this container or label.

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

Until now no symptoms known so far.

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

#### **Hints for the physician / treatment**

Treat symptomatically

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Compatible with all usual extinguishing media.

#### **Non suitable extinguishing media**

Full water jet

### **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.

#### **Other information**

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## **SECTION 6: Accidental release measures**

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**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.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

**SECTION 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**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities****Recommended storage temperature**Value  $\geq$  5  $\leq$  25 °C**Storage stability**

Storage life: 3 years

**Requirements for storage rooms and vessels**

Keep only in the original container.

**Further information on storage conditions**

Keep container tightly closed.

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

For industrial application only.

**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls****Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

**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 for handling chemicals.

**Respiratory protection**

Not necessary, but do not inhale vapours.

**Hand protection**

In case of intensive contact wear protective gloves.

Appropriate Material nitrile

z.B.: BRILLANT nitrilX-TREME, Art.-Nr. 4451001000 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

Appropriate Material Natural Latex

z.B.: BRILLANT latexCOMFORT, Art.-Nr. 4451000400

**Eye protection**

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Safety glasses

**Body protection**

Clothing as usual in the chemical industry.

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

<b>Form</b>	liquid			
<b>Colour</b>	green			
<b>Odour</b>	alcohol-like			
<b>pH value</b>				
Value	10	to	11	
<b>Melting point</b>				
Value	-4			°C
<b>Freezing point</b>				
Value	appr. -4	to	4	°C
<b>Sublimation point</b>				
Remarks	not determined			
<b>Initial boiling point and boiling range</b>				
Value	appr. 100			°C
<b>Flash point</b>				
Value	50	to	60	°C
<b>Evaporation rate</b>				
Remarks	not determined			
<b>Evaporation rate (ether = 1) :</b>				
Remarks	not determined			
<b>Vapour pressure</b>				
Remarks	not determined			
<b>Vapour density</b>				
Remarks	not determined			
<b>Density</b>				
Value	appr. 1,000			g/cm <sup>3</sup>
Temperature	20	°C		
<b>Solubility in water</b>				
Remarks	Completely miscible			
<b>Partition coefficient: n-octanol/water</b>				
Remarks	not determined			
<b>Ignition temperature</b>				
Remarks	Not applicable			
<b>Auto-ignition temperature</b>				
Remarks	not determined			
<b>Combustion factor</b>				
Remarks	not determined			
<b>Decomposition temperature</b>				
Remarks	No decomposition if used as prescribed.			
<b>Viscosity</b>				

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Value 5 to 10 mPa.s

**Oxidising properties**

evaluation None known

**9.2. Other information****Bulk density**

Remarks not determined

**Packed bulk density**

Remarks not determined

**Solids content**

Remarks not determined

**Saturation Concentration**

Remarks not determined

**Critical point**

Remarks not determined

**Dissociation constant**

Remarks not determined

**Surface tension**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

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

**10.2. Chemical stability**

Protect from extreme heat and cold.

**10.3. Possibility of hazardous reactions**

Protect from contamination.

**10.4. Conditions to avoid**

Keep at temperature not exceeding 30 °C.

**Decomposition temperature**

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.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Remarks not determined

**Acute oral toxicity (Components)**

Propan-2-ol

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Species	rat	
LD50	= 5280	mg/kg
Method	OECD 401	
Source	Manufacturer's data	

**Acute dermal toxicity**

Remarks not determined

**Acute dermal toxicity (Components)****Propan-2-ol**

Species	rabbit	
LD50	> 13900	mg/kg
Method	OECD 402	
Source	Manufacturer's data	

**Acute inhalational toxicity**

Remarks not determined

**Acute inhalative toxicity (Components)****Propan-2-ol**

Species	rat	
LC50	> 25	mg/l
Duration of exposure	= 6	h
Method	OECD 403	
Source	Manufacturer's data	

**Skin corrosion/irritation**

evaluation slight irritant effect - does not require labelling

**Serious eye damage/irritation**

evaluation slight irritant effect - does not require labelling

**Sensitization**

evaluation non-sensitizing

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

Remarks not determined

**Reproductive toxicity**

Remarks not determined

**Carcinogenicity**

Remarks not determined

**Specific Target Organ Toxicity (STOT)**

Remarks not determined

**Experience in practice**

Inhalation may lead to irritation of the respiratory tract.

**Other information**

Product specific toxicological data are not known.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

not determined

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**Fish toxicity (Components)****Propan-2-ol**

Species	golden orfe ( <i>Leuciscus idus</i> )			
LC50	8970	to	9280	mg/l
Duration of exposure	48	h		
Source	IUCLID			

**Daphnia toxicity (Components)****Propan-2-ol**

Species	Daphnia magna			
EC50	9714			mg/l
Duration of exposure	24	h		
Source	IUCLID			

**Algae toxicity (Components)****Propan-2-ol**

Species	Scenedesmus quadricauda			
LOEC	1800			mg/l
Duration of exposure	7	d		
Source	IUCLID			

**Bacteria toxicity (Components)****Propan-2-ol**

Species	Pseudomonas putida			
LOEC	1050			mg/l
Duration of exposure	16	h		
Source	IUCLID			

**12.2. Persistence and degradability****General information**

not determined

**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**12.4. Mobility in soil****General information**

not determined

**12.5. Results of PBT and vPvB assessment****General information**

not determined

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

not determined

**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.

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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Disposal recommendations for the product**

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.

## **SECTION 14: Transport information**

### **Land transport ADR/RID**

Non-dangerous goods

#### **14.1. UN number**

UN -

#### **14.2. UN proper shipping name**

-

#### **14.3. Transport hazard class(es)**

Class -

#### **14.4. Packing group**

Packing group -

### **Marine transport IMDG/GGVSee**

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

#### **14.1. UN number**

UN -

#### **14.2. UN proper shipping name**

-

#### **14.3. Transport hazard class(es)**

Class -

#### **14.4. Packing group**

Packing group -

### **Air transport ICAO/IATA**

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

#### **14.1. UN number**

UN -

#### **14.2. UN proper shipping name**

-

#### **14.3. Transport hazard class(es)**

Class -

#### **14.4. Packing group**

Packing group -

### **Information for all modes of transport**

#### **14.6. Special precautions for user**

Non-dangerous goods

### **Other information**

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not determined

## **SECTION 15: Regulatory information**



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

#### VOC

VOC (CH)	=	4,9	%
VOC (EU)	=	4,9	%

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

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

#### Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

IMDG: International Maritime Code for Dangerous Goods

IATA: International Civil Aviation Organization

CAS: Chemical Abstracts Service

VOC: Volatile Organic Compound

INCI: International Nomenclature of Cosmetic Ingredients

NOEL: No observable effect level

NOEC: No observable effect concentration

LD: Lethal dose

LC: Lethal concentration

IMO: International Maritime Organization

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

GHS: Globally Harmonized System of classification and Labelling of Chemicals

CEFIC: European Chemical Industry Council

PNEC: Predicted no effect concentration

DMEL: Derived minimal effect level

DNEL: Derived no effect level

EC: European Community

EU: European Union

MAK: Maximale Arbeitsplatz-Konzentration

UN: United Nations

#### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

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.

