

Trade name: perI GLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

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

### **1.1. Product identifier**

*perI GLANZ*

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

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

Sanitary cleanser, Disinfectants and general biocidal products, Private area and public health area disinfectants and other biocidal products, 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 Regulatory Affairs  
by / telephone  
E-mail address of regulatoryaffairs@hagleitner.at  
person responsible  
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 regulatoryaffairs@hagleitner.at  
person responsible  
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**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319  
Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

### **2.2. Label elements**

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

Hazard pictograms \*\*\*

Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

**Signal word \*\*\***

Warning

**Hazard statements \*\*\***

H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements \*\*\***

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P501 Dispose of contents/container according to the local/national rules and regulations.

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

For industrial application only.

**2.3. Other hazards**

No special hazards have to be mentioned.

**SECTION 3: Composition/information on ingredients \*\*\*****3.2. Mixtures****Hazardous ingredients (Regulation (EC) No. 1272/2008) \*\*\*****Citric acid, anhydrous**

CAS No. 77-92-9  
EINECS no. 201-069-1  
Concentration  $\geq$  1 < 10 %

Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319

**Isotridecanoethoxylate**

CAS No. POLYMER  
EINECS no. N.A.  
Registration no. 02-2119552461-55-0000  
Concentration  $\geq$  3 < 10 %

Classification (Regulation (EC) No. 1272/2008)  
Eye Dam. 1 H318  
Acute Tox. 4 H302

Concentration limits (Regulation (EC) No. 1272/2008)  
Eye Dam. 1 H318  $\geq$  10 %  
H319 < 10 %

**Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides**

CAS No. 68424-85-1  
EINECS no. 270-325-2  
Registration no. PRE  
Concentration  $\geq$  0,25 < 1 %

Classification (Regulation (EC) No. 1272/2008)

Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

Met. Corr. 1	H290
Skin Corr. 1B	H314
Aquatic Acute 1	H400
Acute Tox. 4	H302
Acute Tox. 4	H312
Aquatic Chronic 1	H410

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 H400 M = 10

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

less than 5 %:

non-ionic surfactants

constituent:

disinfectants

perfumes

**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. Eye treatment by an Occulist.

**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**

Print date: 08.01.16

Page 4(11)

Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

**Respiratory protection**

Not necessary, but do not inhale vapours.

**Hand protection**

In case of intensive contact wear protective gloves.

Appropriate Material butyl

Material thickness = 0,5 mm

Breakthrough time &gt;= 120 min

Appropriate Material nitrile

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

**Eye protection**

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**

**Form** liquid, clear  
**Colour** green  
**Odour** Product specific

**pH value**

Value appr. 3,0  
 Concentration/H<sub>2</sub>O 100 g/l  
 Temperature 20 °C

**Freezing point**

Value appr. -4 to 4 °C

**Sublimation point**

Remarks not determined

**Initial boiling point and boiling range**

Value appr. 100 °C

**Flash point**

Value &gt; 100 °C

**Evaporation rate**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Vapour density**

Remarks not determined

**Density**

Value 1,038 g/cm<sup>3</sup>  
 Temperature 20 °C

**Solubility in water**

Remarks Completely miscible

**Solubility(ies)**

Remarks not determined

Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

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

Remarks not determined

**Auto-ignition temperature**

Remarks not determined

**Combustion factor**

Remarks not determined

**Decomposition temperature**

Remarks No decomposition if used as prescribed.

**Viscosity****dynamic**

Value	appr. 20		mPa.s
Temperature	20	°C	

**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**

Reactions with impurities.

**10.2. Chemical stability**

Protect from extreme heat and cold.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Keep at temperature not exceeding 30 °C.

**Decomposition temperature**

Remarks No decomposition if used as prescribed.

Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

**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**

ATE > 10.000 mg/kg  
 Method calculated value (Regulation (EC) No. 1272/2008)

**Acute oral toxicity (Components)****Isotridecanoethoxylate**

Species rat  
 LD50 = 500 to 2000 mg/kg  
 Method OECD-Directive 423

**Citric acid, anhydrous**

Species rat  
 LD50 = 3000 mg/kg  
 Source Manufacturer's data

**Skin corrosion/irritation**

evaluation irritant

**Serious eye damage/irritation**

evaluation irritant - risk of serious damage to eyes

**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

**Fish toxicity (Components)**

Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

**Isotridecanoethoxylate**

Species golden orfe (*Leuciscus idus*)  
 LC50 = 1 to 10 mg/l  
 Source Manufacturer's data

**Citric acid, anhydrous**

Species golden orfe (*Leuciscus idus*)  
 LC50 = 440 to 760 mg/l  
 Duration of exposure = 96 h  
 Source Manufacturer's data

**Daphnia toxicity (Components)****Isotridecanoethoxylate**

EC50 = 1 to 10 mg/l  
 Duration of exposure = 72 h

**Citric acid, anhydrous**

Species *Daphnia magna*  
 EC50 = 120 mg/l  
 Duration of exposure = 72 h  
 Source Manufacturer's data

**Citric acid, anhydrous**

Species *Entosiphon sulcatum*  
 EC5 = 485 mg/l  
 Duration of exposure = 72 h  
 Source Manufacturer's data

**Algae toxicity (Components)****Isotridecanoethoxylate**

EC50 = 1 to 10 mg/l  
 Duration of exposure = 72 h

**Citric acid, anhydrous**

IC5 = 640 mg/l  
 Duration of exposure = 7 Days  
 Source Manufacturer's data

**Citric acid, anhydrous**

Species *Microcystis aeruginosa* (blue alge)  
 IC5 = 80 mg/l  
 Duration of exposure = 8 Days  
 Source Manufacturer's data

**Bacteria toxicity (Components)****Isotridecanoethoxylate**

Species activated sludge  
 EC10 > 10000 mg/l  
 Duration of exposure = 17 h  
 Method DIN 38412 Part8  
 Source Manufacturer's data

**Citric acid, anhydrous**

Species *Pseudomonas putida*  
 IC5 > 10000 mg/l  
 Duration of exposure = 16 h  
 Source Manufacturer's data

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

not determined



Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

### 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.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

EWC waste code 20 01 29\* detergents containing dangerous substances

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

-

#### 14.5. Environmental hazards

-

### Marine transport IMDG/GGVSee

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

#### 14.1. UN number

Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

UN -

**14.2. UN proper shipping name**

-

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

Class

-

**14.4. Packing group**

Packing group

-

**14.5. Environmental hazards**

-

**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

-

**14.5. Environmental hazards**

-

**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****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****less than 5 %:**

non-ionic surfactants

**Further ingredients**

alpha-iso-Methylionone

**VOC**

VOC (CH)

0,0

%

VOC (EU)

0,0

%

**Biocide Substance**

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Concentration

7,5

g/kg

CAS No.

68424-85-1

**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.

Trade name: perIGLANZ

Substance number: SUB302020090000

Version: 5 / EU

Date revised: 08.01.2016

the date of issue: 22.03.07

Replaces Version: 4 / EU

Print date: 08.01.16

**Hazard statements listed in Chapter 3**

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**CLP categories listed in Chapter 3**

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B

**Abbreviations**

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Civil Aviation Organization  
CAS: Chemical Abstracts Service  
EINECS: European Inventory of Existing Commercial Chemical Substances  
VOC: Volatile Organic Compound  
NOEL: No observable effect level  
NOEC: No observable effect concentration  
LD: Lethal dose  
LC: Lethal concentration  
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals  
IMO: International Maritime Organization  
DNEL: Derived no effect level  
PNEC: Predicted no effect concentration  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
EC: European Community  
EU: European Union  
GHS: Globally Harmonized System of classification and Labelling of Chemicals  
MAK: Maximale Arbeitsplatz-Konzentration  
INCI: International Nomenclature of Cosmetic Ingredients  
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.

