

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

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

metallGLANZ

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

Use of the substance/preparation

Liquid metal detergent for cleaning and maintenance. 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

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

Classification (Regulation (EC) No. 1272/2008)
Eye Dam. 1 H318

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

Signal word

Danger

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

P310 Immediately call a POISON CENTER or doctor.

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

contains Fatty Alcohol. Ethoxylated C13 5EO;N,N-bis(hydroxyethyl)amid;Phosphoric acid

For industrial application only.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredients (Regulation (EC) No 648/2004)

5 % or over but less than 15 %:

non-ionic surfactants

less than 5 %:

phosphates

anionic 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. 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

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

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**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. Provide good ventilation of working area (local exhaust ventilation if necessary).

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

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. Storage rooms must be properly ventilated.

Further information on storage conditions

Keep locked up and out of the reach of children. Keep container tightly closed; open and handle with care.

7.3. Specific end use(s)

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

For industrial application only.

SECTION 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 for handling chemicals.

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 >= 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
Colour white
Odour Product specific

pH value

Value appr. 1,5
 Concentration/H₂O 100 %
 Temperature 20 °C
 Remarks acidic
 Value appr. 3
 Concentration/H₂O 10 g/l

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 > 100 °C
 Remarks Not applicable

Evaporation rate

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Vapour pressure

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

Remarks not determined

Vapour density

Remarks not determined

Density

Value	appr. 1,05			g/cm ³
Temperature	20	°C		

Solubility in water

Remarks partly soluble

Solubility(ies)

Remarks not determined

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. 4000	to	7500	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.

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

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.

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	8.031,49	mg/kg
	61	

Method calculated value (Regulation (EC) No. 1272/2008)

Acute oral toxicity (Components)**Phosphoric acid**

Species	rabbit	
LD50	=	1530 mg/kg

Acute dermal toxicity (Components)**Phosphoric acid**

Species	rabbit	
LD50	>	2000 mg/kg

Acute inhalative toxicity (Components)**Phosphoric acid**

Species	rat	
LC50	=	850 mg/l
Duration of exposure	=	2 h

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

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

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****Fish toxicity (Components)****Phosphoric acid**

LC50	=	138		mg/l
Duration of exposure	=	96	h	

Algae toxicity

Reference substance	Fatty Alcohol. Ethoxylated C13 5EO			
CAS No.	69011-36-5			
EC50	1	to	10	mg/l
Duration of exposure	72	h		

Bacteria toxicity

Reference substance	Fatty Alcohol. Ethoxylated C13 5EO			
CAS No.	69011-36-5			
Species	activated sludge			
EC10	>	2500		mg/l
Duration of exposure	17	h		
Method	DIN 38412 Part8			

Reference substance	Phosphoric acid			
CAS No.	7664-38-2			
Species	activated sludge			
EC50	270			mg/l

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

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

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. After an intended use this product does not reach the watercourse.

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

-

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)

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****5 % or over but less than 15 %:**

non-ionic surfactants

less than 5 %:

phosphates

VOC

VOC (CH) = 0,0 %

VOC (EU) = 0,0 %

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

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

Trade name: metallGLANZ

Substance number: SUB302020460000

Version: 4 / EU

Date revised: 26.11.2015

the date of issue: 26.04.07

Replaces Version: 3 / EU

Print date: 22.12.15

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.

