

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

### **1.1 Product identifier**

Trade name/designation CRISTAL

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

#### **Relevant identified uses**

##### **Sector of uses [SU]**

CAR CLEANING PRODUCT

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

#### **Manufacturer**

POLISHANGEL® GmbH

Tannenweg 4

Germany-83083 Riedering

P.O. Box:

Telephone: +49 (0) 89 - 255575602

Telefax: +49 (0) 89 - 255575603

E-mail: customerservice@polishangel.net

### **1.4 Emergency telephone number**

Only available during office hours.

## **SECTION 2: Hazards identification**

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

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

##### **health hazards**

Skin Irrit. 2

##### **hazard statements for health hazards**

H315 Causes skin irritation.

##### **health hazards**

Eye Irrit. 2

##### **hazard statements for health hazards**

H319 Causes serious eye irritation.

#### **remark**

This substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### **Classification according to Directive 67/548/EEC or 1999/45/EC**

#### **R phrases**

R65 Harmful: may cause lung damage if swallowed.

R36/38 Irritating to eyes and skin.

#### **Categories of danger**

Xn; R65

Xi; R36/38

### **2.2 Label elements**

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

##### **Hazard pictograms**



GHS07

**Signal word**

Warning

**Hazard statements**

**hazard statements for health hazards**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**Precautionary statements**

**General:**

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

P102 Keep out of reach of children.

**Labelling (67/548/EEC or 1999/45/EC)**

**R phrases**

R36/38 Irritating to eyes and skin.

R65 Harmful: may cause lung damage if swallowed.

**S-phrases**

S2 Keep out of the reach of children.

S13 Keep away from food, drink and animal feedingstuffs.

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

S64 If swallowed, rinse mouth with water (only if the person is conscious).

**Hazard symbols and hazard statements of dangerous substances and preparations**

Xn Harmful

**2.3 Other hazards**

**Adverse environmental effects**

This substance meets the PBT criteria of REACH, annex XIII. This substance meets the vPvB criteria of REACH, annex XIII.

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

**3.1/3.2 Substances/Mixtures**

**Hazardous ingredients**

sulphamidic-acid

10 - 20 %

CAS 5329-14-6

EC 226-218-8

INDEX 016-026-00-0

Xi R36/38; R52-53

Skin Irrit. 2, H315 / Eye Irrit. 2, H319 / Aquatic Chronic 3, H412

Distillates (petroleum), hydrotreated light; Kerosine - unspecified

5 - 10 %

CAS 64742-47-8

EC 265-149-8

INDEX 649-422-00-2

Xn R65

Asp. Tox. 1, H304

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

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

#### **Following inhalation**

Provide fresh air.

#### **Following skin contact**

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent and water.

#### **After eye contact**

Rinse immediately carefully and thoroughly with eye-bath or water.

#### **After ingestion**

Water

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

No data available

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

No data available

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Foam

Carbon dioxide (CO<sub>2</sub>)

#### **Unsuitable extinguishing media**

Water spray jet

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

#### **Hazardous combustion products**

not determined

### **5.3 Advice for firefighters**

#### **Special protective equipment for firefighters:**

Wear a self-contained breathing apparatus and chemical protective clothing. In case of fire: Wear self-contained breathing apparatus.

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

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

#### **For non-emergency personnel**

#### **Emergency procedures**

Provide adequate ventilation.

### **6.2 Environmental precautions**

No special environmental measures are necessary.

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

#### For containment

#### Suitable material for taking up:

Water (with cleaning agent)

Universal binder

#### 6.4 Reference to other sections

Personal protection equipment: see section 8

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advices on general occupational hygiene

Avoid contact with skin, eyes and clothes. Work in well-ventilated zones or use proper respiratory protection.

#### Protective measures

#### Advices on safe handling

No special technical protective measures are necessary.

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

#### Further information on storage conditions

storage temperature 5 - 30 °C

### 7.3 Specific end use(s)

#### Recommendation

No data available

## SECTION 8: Exposure controls/personal protection

#### Additional information

Observe the expiry date.

### 8.1 Control parameters

No data available

### 8.2 Exposure controls

#### Personal protection equipment

#### Skin protection

#### Suitable gloves type:

Disposable gloves

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

#### Physical state

emulsion

#### Colour

light blue

#### Odour

characteristic

parameter

Method - source - remark

pH

not determined

parameter	Method - source - remark
Melting point/freezing point	not determined
Initial boiling point and boiling range >100 °C	
Flash point (°C) >100 °C	
Evaporation rate	not determined
flammability	not determined
Upper explosion limit	not determined
lower explosion limit	not determined
Vapour pressure	not determined
Vapour density	not determined
Density 1,14 g/cm <sup>3</sup>	Density
Fat solubility (g/L)	not determined
Water solubility (g/L)	not determined
Soluble (g/L) in	not determined
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not determined
Decomposition temperature	not determined

**9.2 Other safety information**

No data available

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

This material is considered to be non-reactive under normal use conditions.

**10.2 Chemical stability**

No exothermic decomposition at temperatures up to 300 °C.

**10.3 Possibility of hazardous reactions**

No known hazardous reactions.

**10.4 Conditions to avoid**

none

**10.5 Incompatible materials**

**Materials to avoid**

none

**10.6 Hazardous decomposition products**

none

**SECTION 11: Toxicological information**

**Toxicokinetics, metabolism and distribution**

**Human toxicological data**

No data available

**11.1 Information on toxicological effects**

No information available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

No information available.

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

not applicable

**12.6 Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Appropriate disposal / Product**

Dispose of waste according to applicable legislation. Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

**Appropriate disposal / Package**

Recycle sales packaging via DSD (Duales System Deutschland).

**Waste code packaging** 200399

**hazardous waste** No

**Waste name**

municipal wastes not otherwise specified

**Waste code packaging** 160306

**hazardous waste** No

**Waste name**

organic wastes other than those mentioned in 16 03 05

**Waste code product** 200399

**hazardous waste** No

**Waste name**

municipal wastes not otherwise specified

**Waste code product** 160306

**hazardous waste** No

**Waste name**

organic wastes other than those mentioned in 16 03 05

**SECTION 14: Transport information**

Land transport (ADR/RID)

Sea transport (IMDG)

Air transport (ICAO-TI / IATA-DGR)

14.1 UN-No.

not applicable

not applicable

not applicable

14.2 Proper Shipping Name

14.3 Class(es)

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Land transport (ADR/RID)

Sea transport (IMDG)

Air transport (ICAO-TI / IATA-DGR)

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14.4 Packing group

14.5 ENVIRONMENTALLY  
HAZARDOUS

14.6 Special precautions for user

14.7 Transport in bulk according  
to Annex II of MARPOL 73/78  
and the IBC Code

## **SECTION 15: Regulatory information**

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

No data available

### **15.2 Chemical Safety Assessment**

No data available

## **SECTION 16: Other information**

### **Additional information**

Information concerning special preventive measures on bulk ware are available on demand. Take care for the labels and safety data sheets of the chemicals to be used. The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.