

**Safety Data Sheet 91/155/EEC (gb)**  
**POLY-cream**

Revised: 18.07.2002

Date printed: 27.09.2002

**01. Identification of the substance / preparation and of the company**

**Product:** POLY-cream

**Use:** Polishing agent

**Company:** Gerd Eisenblätter GmbH

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**02. Composition / Information on ingredients**

Substance	EINECS	CAS	Range [%]	Symbol / R-phr.
Aluminium oxide	215-691-6	1344-28-1	20-<40	
Ammonia solution	215-647-6	1336-21-6	0,1-<5	C&N 34-50
Destillates (petroleum), hydrotreated light	265-149-8	64742-47-8	20-<40	Xn 65-66
Naphtha (petroleum), hydrotreated light	265-151-9	64742-49-0	2,5-<10	Xn& F& N 11-38-65-67-51/53

**03. Hazards identification**

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

**04. First aid measures**

**General information**

Change soaked clothing.

**Inhalation**

Ensure supply of fresh air. In the event of symptoms refer for medical treatment.

**Skin contact**

When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.

**Eye contact**

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**Ingestion**

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Refer for medical treatment.

**Advice to doctor**

Treat symptomatically.

**05. Fire-fighting measures**

**Suitable extinguishing media**

Water spray jet. Dry powder. Carbon dioxide. Foam.

**Extinguishing media that must not be used**

None.

**Special exposure hazards arising from the substance or preparation itself or combustion products**

Risk of formation of toxic pyrolysis products.

**Special protective equipment for firefighters**

Use self-contained breathing apparatus.

**Additional information**

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

**06. Accidental release measures**

**Personal precautions**

High risk of slipping due to leakage/spillage of product. Ensure adequate ventilation. Keep away sources of ignition.

**Environmental precautions**

Do not discharge into the drains/ surface waters/ groundwater.

**Methods for cleaning up/taking up**

Take up mechanically. Dispose of absorbed material in accordance with the regulations.

**07. Handling and storage**

**Advice on safe handling**

Use only in well-ventilated areas.

**Advice on protection against fire and explosion**

No special measures necessary.

**Requirements for storage rooms and vessels**

Provide solvent-resistant and impermeable floor. Keep only in original container.

**Advice on storage compatibility**

Do not store together with oxidizing agents.

**Further information on storage conditions**

Keep container tightly closed. Keep container in a well-ventilated place. Protect from heat/overheating.

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### 08. Exposure controls / personal protection

#### Additional advice on system design

#### Ingredients with occupational exposure limits to be monitored

Substance	CAS	Value:
Aluminium oxide	1344-28-1	MAK: 6 mg/m <sup>3</sup> A 2000
Ammonia solution	1336-21-6	MAK: 50 ppm Y 2000
Destillates (petroleum), hydrotreated light	64742-47-8	MAK: 100 ppm 2000
Naphtha (petroleum), hydrotreated light	64742-49-0	MAK: 200 ppm 2000

<b>Respiratory protection</b>	Normally not necessarily.
<b>Hand protection</b>	Protective gloves (DIN/EN 374)
<b>Eye protection</b>	Safety glasses.
<b>Skin protection</b>	Not applicable.

#### General protective measures

Avoid contact with eyes and skin. Do not inhale vapours.

#### Hygiene measures

Wash hands before breaks and after work. Use barrier skin cream.

#### Limitation and controlling of the environment pollution

### 09. Physical and chemical properties

<b>Form:</b>	Pasty.
<b>Colour:</b>	Blue.
<b>Odour:</b>	Characteristic.
<b>pH-value:</b>	9-10
<b>Boiling point [°C]:</b>	-
<b>Flash point [°C]:</b>	>70
<b>Flammability:</b>	-
<b>Lower explosion limit:</b>	-
<b>Upper explosion limit:</b>	-
<b>Combustible properties:</b>	No
<b>Vapour pressure [hPa]:(20°C)</b>	-
<b>Density [g/ml]:</b>	1,17
<b>Solubility in water:</b>	Partially soluble.
<b>Partition coefficient: n-octanol / water:</b>	-
<b>Viscosity:</b>	>7mm <sup>2</sup> /s (40°C)
<b>Relative vapour density determined in air</b>	-
<b>Speed of evaporation:</b>	-
<b>Melting point [°C]:</b>	-
<b>Autoignition temperature:</b>	-

### 10. Stability and reactivity

#### Hazardous reactions

Reactions with oxidizing agents.

#### Hazardous decomposition products

No hazardous decomposition products known.

### 11. Toxicological information

**Acute oral toxicity** LD50 Rat : -

**Acute dermal toxicity** LD50 : -

**Acute inhalational toxicity** LC50 Rabbit : -

#### Irritant effect on eye

#### Sensitization / Validation

#### Chronic toxicity / Validation

#### Mutagenicity / validation

#### Reproduction toxicity / Validation

#### Carcinogenicity / Validation

#### Experiences made in practice

None.

#### General remarks

The product was classified on the basis of the calculation procedure of the preparation directive. No toxicological data are available.

### 12. Ecological information

#### Biodegradable

#### Fish toxicity

#### Behaviour in sewage plant

#### AOX-advice

No dangerous components.

#### General information

Ecological data are not available.

#### Contains compounds of 76/464/EC

Yes

### 13. Disposal considerations

#### Disposal / Product

Dispose of as hazardous waste.

**Waste no.** 160305\*

#### Disposal / Contaminated packaging

Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.

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### 14. Transport information

#### 14.1 Classification according to ADR:

ADR: not classified as  
Dangerous Goods

#### Dangerous Goods

Declaration:

Labelling

Factor, ADR 1.1.3.6.3:

Hazard-no:

Label:

ADR-Conditions for limited quantities(LQ): -

Dangerous Goods not classified as Dangerous Goods

Declaration:

Labelling

Label:

Inner packing, max.:

Total gross mass of a  
package:

#### 14.2 Classification according to IMDG:

IMDG-Code: not classified as Dangerous Goods

#### Dangerous Goods

Declaration:

Labelling

Label:

IMDG-Conditions for limited quantities(LQ):

Dangerous Goods not classified as Dangerous Goods

Declaration:

Labelling

Label:

Inner packing, max.:

Total gross mass of a  
package:

#### 14.3 Classification according to IATA:

IATA-DGR: not classified as Dangerous Goods

#### Dangerous Goods

Declaration:

Labelling

Label:

### 15. Regulatory information

#### Labelling

The product is labelled in accordance with EC directives

#### Hazard symbols

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

S56: Dispose of this material and its container to hazardous or special waste collection point.

#### Special labelling for certain preparations

Not applicable.

#### National regulations

Not applicable.

### 16. Other informations

#### R phrases (Substance)

R11: Highly flammable.

R34: Causes burns.

R38: Irritating to skin.

R50: Very toxic to aquatic organisms.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

#### Regulatory information

\* 91/155 (2001/58)

\* 67/548 (2001/59)

\* 1999/45 (2001/60)

\* 91/689 (2001/118)

\* 89/542

\* ADR (23.07.01)

\* IMDG-Code (30.Amdt.)

\* IATA-DGR (2002)

\* Classification according to VbF

\* Water hazard class

#### Modified position:

Not applicable.