

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 21.01.2015

Version: 1. 0

Revision: 21.01.2015

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

· 1.1 Product identifier

· Trade name: **polyWatch**

· 1.2 Relevant identified uses of the substance or mixture and uses advised against: -

· Application of the substance / the preparation: Polishing agent

· Uses advised against -

· 1.3 Details of the supplier of the safety data sheet

· Supplier/Manufacturer:

E.V.I. GmbH
Gautinger Str. 40a
82061 Neuried
Germany

Tel.: +49 (0)89 745062-0

Fax: +49 (0)89 745062-99

www.e-v-i.de

· Email competent person: sds@kft.de

· Information department:

See supplier/manufacturer
Abt. F&E / Regulatory Affairs

· 1.4 Emergency telephone number:

National Poison Information Service (NPIS)

24 hour national number professionals only
0844 892 0111

National Health Service (NHS)

24 hour national number consumer

England and Scotland: 111

Wales: 0845 46 47

Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC not applicable

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Void

· Hazard pictograms Void

· Signal word Void

· Hazard statements Void

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable

· vPvB: Not applicable

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Polishing agent

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· Dangerous components:

CAS: 1344-28-1 aluminium oxide

10-20%

EINECS: 215-691-6 substance with a Community workplace exposure limit

· Additional information: For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****· 4.1 Description of first aid measures****· General information:** If symptoms persist or in case of doubt, seek medical advice.**· After inhalation:** Supply fresh air; consult a doctor in case of pain.**· After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Generally the product does not irritate the skin.

· After eye contact:

Rinse opened eye for several minutes under running water.

If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call medical help immediately.

· 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.**· 4.3 Indication of any immediate medical attention and special treatment needed** Symptomatic treatment**SECTION 5: Firefighting measures****· 5.1 Extinguishing media****· Suitable extinguishing agents:**CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: None**· 5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Metal oxides

· 5.3 Advice for firefighters**· Protective equipment:** Wear self-contained respiratory protective device.**· Additional information:**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**· 6.1 Personal precautions, protective equipment and emergency procedures** Avoid contact with eyes.**· 6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Do not allow to penetrate the ground/soil.

· 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Pick up mechanically.

Make sure to recycle or dispose of in suitable receptacles.

· 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used properly.
- **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store at ambient temperature.
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from feed.
 - Refer to national regulations for storing hazardous chemicals.
- **Further information about storage conditions:** Store under dry conditions.
- **Storage class:** 11 Combustible solids
- **7.3 Specific end use(s)** Dehydration and any subsequent pulverization of the product should be avoided.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:**
 - Mechanical ventilation/exhaustion is strongly recommended.
 - No further data; see section 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
- 1344-28-1 aluminium oxide**
 - WEL (Great Britain) Long-term value: 10* 4** mg/m³
 - *inhalable dust **respirable dust
- **Additional information:**
 - Since product is a paste, there is no risk of inhalation of particles. Monitoring of limit values is therefore not required.
 - The lists that were valid during the creation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - The usual precautionary measures should be adhered to when handling chemicals.
 - Keep away from foodstuffs, beverages and feed.
 - Wash hands before breaks and at the end of work.
 - Avoid contact with eyes.
 - After contact with eyes, rinse immediately.
 - Use skin protection cream for skin protection.
- **Breathing equipment:** Under normal conditions of use not required
- **Protection of hands:** If used properly, not required for consumers
- **Material of gloves:** -
- **Penetration time of glove material:**
 -
 - On behalf of many suppliers are the companies Hapa, Ansell, Semperit and KCL to mention.
- **Eye protection:** Not required
- **Body protection:** Not required

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties	
· General Information:	
· Appearance:	
Form:	Solid
Colour:	White
· Odour:	Characteristic
· Odour threshold:	Not determined
· pH-value:	Not applicable
· Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
· Flash point:	270 °C
· Flammability (solid, gaseous):	Not determined
· Ignition temperature:	Not determined
· Decomposition temperature:	Not determined
· Self ignition temperature:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
· Oxidizing properties:	Not determined
· Vapour pressure:	Not applicable
· Density at 20 °C:	1.294 g/cm³
· Relative density:	Not determined
· Vapour density:	Not applicable
· Evaporation rate:	Not applicable
· Solubility in / Miscibility with	
Water:	Insoluble
· Partition coefficient (n-octanol/water):	
Not determined	
· Viscosity:	
dynamic:	Not applicable
kinematic:	Not applicable
· 9.2 Other information	No further relevant information available

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:** No further relevant information available

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10.6 Hazardous decomposition products:

No hazardous decomposition products if instructions for storage and handling are followed

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity:****LD/LC50 values that are relevant for classification:** No toxicity data are available for the product itself.**Primary irritant effect:****on the skin:** No irritating effect**on the eye:** No irritating effect**On respiratory tract:** No irritating effect**Sensitisation:** No sensitising effects known**Other information (about experimental toxicology):****Carcinogenic, mutagenic effects and adverse effects on reproduction:**

Presently available data show no carcinogenic, mutagenic or teratogenic effects.

Subacute to chronic toxicity:**STOT-single exposure** No classification**STOT-repeated exposure:** No classification**Aspiration hazard** Not relevant**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:** Presently there are no ecotoxicological values available.**12.2 Persistence and degradability** No further relevant information available**12.3 Bioaccumulative potential** No further relevant information available**12.4 Mobility in soil** No further relevant information available**Additional ecological information:****General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water

According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Danger to drinking water is possible if large quantities leak into the ground or into water course.

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable**vPvB:** Not applicable**12.6 Other adverse effects** No further relevant information available**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation:**

Smaller quantities can be disposed of with household waste.

Disposal according to instructions of local authorities

Uncleaned packagings:**Recommendation:**

Disposal must be made according to official regulations.

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Only dispose of completely empty packagings.

SECTION 14: Transport information

· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· Transport/Additional information:	Not dangerous according to the above regulations
· UN "Model Regulation":	-

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:**
KFT Chemieservice GmbH
Im Leuschnerpark. 3 64347 Griesheim
Postfach 1451 64345 Griesheim
Germany

Phone: +49 6155 86829-0 Fax: +49 6155 86829-25

Safety Data Sheet Service: +49 6155 86829-22

- **Contact:** Dr. Faiza Khan

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

· **Sources:** Information provided by the manufacturer

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