

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 67500 Polyglykol 1000

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Revised edition: 04.09.2012

Version: 3-1

Printed: 12.11.2014

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Polyglykol 1000

*Article No.:* 67500

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*Chemical-technical industry  
Manufacturer of cosmetics*

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.de

*E-Mail:* info@kremer-pigmente.de

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to EC  
Regulation 1272/2008*

*This product is not classified as hazardous according to the  
CLP/GHS Directive.*

*Classification according to EC  
Regulation No. 67/548 or No. 1999/45*

*The material is not subject to classification according to EC lists.*

*Safety Phrases:*

*Possible Environmental Effects:*

*See Section 12.*

#### 2.2. Label Elements

*Classification according to EC  
Regulation 1272/2008*

*This product does not require classification and labelling as  
hazardous according to CLP/GHS.*

*Hazard designation:*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

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### 2.3. Other Hazards

*No special hazards known.*

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### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Polyethylene glycol HO-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>-H, Average molecular mass 1000 (CAS 25322-68-3); INCI: PEG-20

*Hazardous Ingredients:*

*Additional information:*

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### 4. First Aid Measures

#### 4.1. Description of the First Aid Measures

*General information:*

*Remove contaminated clothes.*

*After inhalation:*

*Supply fresh air and seek medical advice in case of complaints.*

*After skin contact:*

*Wash off with water.*

*After eye contact:*

*Rinse eyes with water.*

*After ingestion:*

*Immediately get medical help.*

#### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

*No further information available.*

#### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*Treat symptomatically.*

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### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water jet.*

*Unsuitable extinguishing media:*

#### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*In case of fire: formation of carbon monoxide and dioxide.*

#### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

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*Further information:*

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### 6. Accidental Release Measures

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Wear protective clothing.*

#### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soil, drains and surface waters.*

#### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Take up mechanically.*

*Dilute with plenty of water.*

#### 6.4. Reference to other Sections

*For information for safe handling see Section 7.*

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### 7. Handling and Storage

#### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid formation of dust.*

*Provide adequate ventilation.*

*Hygienic measures:*

*Do not eat or drink during work. Do not smoke.*

#### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.*

*Store at temperatures between 10 and 25°C.*

*Do not store above 30°C.*

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*Keep away from sources of ignition.*

*Take measures to prevent static electricity discharge, earth/ground all equipment.*

*Dust may form an explosive mixture with air.*

*Storage class (VCI):*

*11; Combustible solids*

*Further Information:*

*No information available.*

#### 7.3. Specific End Use(s)

*Further information:*

*No information available.*

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### 8. Exposure Controls/Personal Protection

#### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*none known*

*Parameters to be controlled (EC):*

*Derived No-Effect Level (DNEL):*

*No values available.*

*Predicted No-Effect Concentration (PNEC):*

*No values available.*

*Additional Information:*

#### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation.*

*Personal Protection*

*General protective measures:*

*The usual precautionary measures are to be adhered to when handling chemicals.*

*Respiratory protection:*

*Required in case of insufficient ventilation (EN 143 or 149).  
Dust mask recommended when very dusty (with particle filter FFP2).*

*Hand protection:*

*Chemical protective gloves (EN 374 (Europe), F739 (US)).*

*Protective glove material:*

*Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Environmental precautions:*

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### 9. Physical and Chemical Properties

#### 9.1. Information on Basic Physical and Chemical Properties

*Form:* *wax-like*

*Color:* *white*

*Odor:* *odorless*

*Odor threshold:*

*No information available.*

*pH-Value:* *5 -7 (20°C, 100 g/l; DIN19268)*

*Melting temperature:* *35 - 40°C*

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<i>Boiling temperature:</i>	<i>not determined</i>
<i>Flash point:</i>	<i>270°C (DIN 51376)</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>&gt; 320°C (DIN 51794)</i>
<i>Upper explosion limit:</i>	<i>not determined</i>
<i>Lower explosion limit:</i>	<i>not determined</i>
<i>Vapor pressure:</i>	<i>&lt; 0.1 mbar (20°C)</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>ca. 1.2 g/cm<sup>3</sup> (20°C; DIN51757)</i>
<i>Solubility in water:</i>	<i>miscible</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>&lt; -1</i>
	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>360°C</i>
<i>Viscosity, dynamic:</i>	<i>24 - 29 mPa.s (20°C; DIN53019)</i>
<i>Explosive properties:</i>	<i>not applicable</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	<i>not applicable</i>

### 9.2. Further Information

<i>Solubility in solvents:</i>	
<i>Viscosity, kinematic</i>	<i>22 - 27 mm<sup>2</sup>/s (20°C)</i>
<i>Burning class:</i>	
<i>Solvent content:</i>	
<i>Solid content:</i>	
<i>Particle size:</i>	
<i>Other information:</i>	

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

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### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*None if handled and stored according to specifications.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*No information available.*

*Thermal decomposition:*

*No further information available.*

### 10.5. Incompatible Materials

*No information available.*

### 10.6. Hazardous Decomposition Products

*None if stored and handled according to specifications.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11. 1. Information on Toxicological Effects

*Acute Toxicity*

*LD50, oral: > 15000 mg/kg (rat)*

*LD50, dermal: not determined*

*LC50, inhalation: not determined*

*Primary effects*

*Irritant effect on skin: Non irritating (rabbit)*

*Irritant effect on eyes: Non-irritating to eyes (rabbit)*

*Inhalation: No information available.*

*Ingestion: No information available*

*Sensitization: Not sensitizing.*

*Mutagenicity: Not mutagenic (Ames Test)*

*Reproductive toxicity: No data available.*

*Carcinogenicity: No data available.*

*Teratogenicity:*

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*No information available.*

*Specific target organ toxicity (STOT):*

*No data available.*

*Additional toxicological information:*

*By analogy with a product of similar composition.*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*LC50: > 10 g/l (48h, Leuciscus idus; DIN 38412)*

*Daphnia toxicity:*

*No information available.*

*Bacteria toxicity:*

*EC50: > 1000 mg/l (OECD 209)*

*Algae toxicity:*

*No information available.*

### 12.2. Persistency and Degradability

*> 80 % (28d); readily biodegradable (Method: OECD 301E)*

### 12.3. Bioaccumulation

*No information available.*

### 12.4. Mobility

*No data available.*

### 12.5. Results of PBT- und vPvP Assessment

*No data available.*

### 12.6. Other Adverse Effects

*Water hazard class:*

*1, slightly hazardous*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*In accordance with regulations for special waste, must be taken to an authorized special waste incineration plant.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Packaging may be disposed of in the same manner as the product.*

*Waste Code No.:*

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## 14. Transport Information

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- 14. 1. UN Number**  
*ADR, IMDG, IATA*
- 14. 2. UN Proper Shipping Name**  
*ADR/RID:*  
*No hazardous goods according to ADR (land transportation).*  
*IMDG/IATA:*  
*No hazardous goods according to IMDG.*
- 14. 3. Transport Hazard Classes**  
*ADR Class:*  
*not applicable*  
*Hazard no.:*  
*Classification code:*  
*Tunnel no.:*  
*IMDG Class (sea):*  
*Hazard no.:*  
*EmS No.:*  
*IATA Class:*  
*not applicable*  
*Hazard no.:*
- 14. 4. Packaging Group**  
*ADR/RID:*  
*not applicable*  
*IMDG:*  
*IATA:*
- 14. 5. Environmental Hazards**  
*Not classified as environmentally hazardous.*
- 14. 6. Special Precautions for User**  
*Not classified as a dangerous good under transport regulations.*
- 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code**  
*not applicable*
- 14. 8. Further Information**
- 

## 15. Regulatory Information

### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*1, slightly hazardous for water*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

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*Technical instructions on air quality:*

### 15. 2. Chemical Safety Assessment

*No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.*

### 15. 3. Further Information

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### 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*