



Trade name: Macrogolum 1000 (FLUKA)

Substance number: 265720

Version: 1 / CH

Date revised: 12.06.12

Replaces Version: - / CH

Date of printing: 12.06.12

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

### **1.1. Product identifier**

Macrogolum 1000 (FLUKA)

Item-No. 26572000

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

#### **Use of the substance/preparation**

Manufacture of cosmetics, industry, Cosmetics, pharmacy

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

#### **Address**

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible  
for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **2. Hazards identification**

### **2.2. Label elements**

#### **Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product does not require a hazard warning label in accordance with EC Directives.

### **2.3. Other hazards**

No special hazards have to be mentioned.

## **3. Composition/information on ingredients**

#### **Substance / product identification**

CAS-Nr. 25322-68-3

INCI PEG-20

#### **Chemical characterization**

Polyethaleneglycols (PEG)

## **4. First aid measures**

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

#### **General information**

Take off contaminated clothing and shoes immediately. By continuous complaints consult a physician.

#### **After inhalation**

Remove the casualty into fresh air and keep him calm. Seek medical advice immediately.

#### **After skin contact**

In case of contact with skin wash off with warm water.



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**After eye contact**

In case of contact with eyes rinse thoroughly with water.

**After ingestion**

Summon a doctor immediately.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

Treat symptomatically

**5. Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water spray jet, Dry powder, Foam, Carbon dioxide

**5.2. Special hazards arising from the substance or mixture**In case of fires, hazardous combustion gases are formed; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

**6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Ensure adequate ventilation.

**6.2. Environmental precautions**

Do not allow to enter drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Pick up mechanically. Dilute with plenty of water.

**6.4. Reference to other sections**

Information regarding Safe handling, see chapter 7.

**7. Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid the formation and deposition of dust. Provide good ventilation of working area (local exhaust ventilation if necessary).

**Advice on protection against fire and explosion**

Keep away from sources of ignition. Take precautionary measures against static charges. Earthing necessary during loading operations. Dust can form an explosive mixture with air.

**7.2. Conditions for safe storage, including any incompatibilities****Recommended storage temperature**

Value 10 - 25 °C

**VCI storage category**

VCI storage category 11 Combustible solids

**Further information on storage conditions**



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Keep container tightly closed and dry in a cool, well-ventilated place. Do not keep at temperatures above 30 °C.

## **8. Exposure controls/personal protection**

### **8.2. Exposure controls**

#### **Exposure controls**

Avoid inhalation of dusts.

#### **General protective and hygiene measures**

Observe the usual precautions when handling chemicals.

#### **Respiratory protection**

Breathing apparatus in the event of aerosol. Particle filter half mask, filter P3 - Norm NF EN 149

#### **Hand protection**

Chemical resistant gloves

#### **Eye protection**

Safety glasses

## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Form</b>	Waxy type		
<b>Colour</b>	white		
<b>Odour</b>	characteristic		
<b>pH</b>			
Value	5	to	7
Concentration/H <sub>2</sub> O	100	g/l	
Temperature	20	°C	
<b>Boiling point</b>			
Remarks	Not determined		
<b>Flash point</b>			
Value	270		°C
<b>Explosion limits</b>			
Remarks	Not applicable		
<b>Vapour pressure</b>			
Value	< 0.1		mbar
Temperature	20	°C	
<b>Density</b>			
Value	appr. 1.2		g/cm <sup>3</sup>
Temperature	20	°C	
<b>Solubility in water</b>			
Temperature	20	°C	
Remarks	miscible		
<b>Solubility in other solvents</b>			
fat oils			
Remarks	Not determined		
<b>Octanol/water partition coefficient (log Pow)</b>			
log Pow	< -1		
<b>Ignition temperature</b>			



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Value	>	320		°C
<b>Viscosity</b>				
<b>dynamic</b>				
Value		24	to	29
Temperature		20	°C	mPa.s

**9.2. Other information****Bulk density**

Remarks Not determined

**10. Stability and reactivity****10.5. Incompatible materials**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.6. Hazardous decomposition products**

In the event of fire the following can be released: Carbon monoxide and carbon dioxide

**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Species	rat		
LD50	>	15000	mg/kg

**Acute dermal toxicity**

Remarks Not determined

**Acute inhalational toxicity**

Remarks Not determined

**Skin corrosion/irritation**

Species	rabbit
valuation	non-irritant

**Serious eye damage/irritation**

Species	rabbit eye
valuation	non-irritant

**Sensitization**

valuation	non-sensitizing
Source	Literature value

**Mutagenicity**

valuation	No mutagenicity in the Ames-test.
Source	Literature value

**Reproduction toxicity**

Remarks Not determined

**Carcinogenicity**

Remarks Not determined

**Specific Target Organ Toxicity (STOT)**

Remarks Not determined

**12. Ecological information****12.1. Toxicity**



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**Fish toxicity**

Species	golden orfe (Leuciscus idus)	
LC50	> 10	g/l
method	DIN 38412 T.15	

**Bacteria toxicity**

EC50	> 1000	mg/l
method	OECD 209	

**12.2. Persistence and degradability****Biodegradability**

Value	> 80	%
Duration of test	28	d
valuation	good degradability	
method	DIN 38409 T. 25	

**12.3. Bioaccumulative potential****General information**

Not determined

**Octanol/water partition coefficient (log Pow)**

log Pow	< -1
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**13. Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

In accordance with regulations for special waste, must be taken, after pretreatment, to an authorised special waste incineration plant.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off as product waste.

**14. Transport information****Land transport ADR/RID**

Non-dangerous goods

**Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.

**Air transport ICAO/IATA**

The product does not constitute a hazardous substance in air transport.

**15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Ger.)**

Water Hazard Class (Ger.)	WGK 1
Remarks	Classification according to VwVwS

**16. Other information****Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*



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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.