

Trade name: Macrogolum 6000 Schuppen

Substance number: 265870

Version: 1 / CH

Date revised: 13.04.2015

Replaces Version: - / CH

Print date: 13.04.15

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

### **1.1. Product identifier**

Macrogolum 6000 Schuppen  
Item No. 26587000

#### **Registration no.**

EC No.: 266-688-1  
CAS No. 25322-68-3

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

INCI PEG-150  
CAS-Nr. 25322-68-3

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

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

Manufacture of cosmetics, industry, 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  
person responsible sdb@haenseler.ch  
for this SDS

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

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

## **SECTION 2: Hazards identification**

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

Does not require a hazard warning label, but the normal safety precautions for handling of chemicals must be observed.

### **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.

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

### **3.1. Substances**

#### **Chemical characterization**

Macrogolum 6000 Schuppen  
Polyethaleneglycols (PEG)

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

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#### 4.1. Description of first aid measures

##### General information

Take off contaminated clothing and shoes immediately.. In case of persistent symptoms consult doctor.

##### After inhalation

Ensure supply of fresh air.. When spray fog inhaled, seek medical aid.

##### After skin contact

In case of contact with skin wash off with water.

##### After eye contact

In case of contact with eyes rinse thoroughly with water.

##### After ingestion

No special measures required.

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

Until now no symptoms known so far.

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

##### Hints for the physician / treatment

Treat symptomatically

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Water spray jet, Dry powder, Foam, Carbon dioxide

##### Non suitable extinguishing media

Full water jet

#### 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.

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

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

Ensure adequate ventilation.. Avoid dust formation.. Use personal protective clothing.

#### 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.

#### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7.. Information regarding personal protective measures, see Section 8.. Information regarding waste disposal, see Section 13.

### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

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**Advice on safe handling**

Avoid the formation and deposition of dust.. Provide good ventilation of working area (local exhaust ventilation if necessary).. Observe the usual precautions for handling chemicals.

**Advice on protection against fire and explosion**

Keep away from sources of ignition.. Take precautionary measures against static discharge.. 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
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**Storage class according to TRGS 510**

Storage class according to TRGS 510	11	Combustible solids
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**Further information on storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.. Keep at temperature not exceeding 30 °C.

**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls****General protective and hygiene measures**

Do not breathe dust. Avoid contact with skin and eyes. Observe the usual precautions for handling chemicals.

**Respiratory protection**

Provide good ventilation of working area (local exhaust ventilation if necessary).; Dust mask; Particle filter half mask, filter P2

**Hand protection**

Chemical resistant gloves

**Eye protection**

Safety glasses

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	Flakes		
<b>Colour</b>	white		
<b>Odour</b>	odourless		
<b>Odour threshold</b>	Remarks not determined		
<b>pH value</b>	Value 5 to 7		
	Concentration/H2O	100	g/l
	Temperature	20	°C
	Method	DIN 19268	

**Initial boiling point and boiling range**

Remarks not determined

**Flash point**

Value	270	°C
Method	DIN 51376	

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**Vapour pressure**

Value	<	0.01		mbar
Temperature		20	°C	

**Density**

Value	appr.	1.2		g/cm <sup>3</sup>
Temperature		20	°C	
Method		DIN 51757		

**Solubility in water**

Value	appr.	500		g/l
Temperature		20	°C	

**Partition coefficient: n-octanol/water****Macrogolum 6000 Schuppen**

log Pow	<	-1		
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**Ignition temperature**

Value	>	320		°C
Method		DIN 51794		

**Decomposition temperature**

Value		360		°C
Source		Analogous		

**Viscosity****dynamic**

Value		220	to	275	mPa.s
Temperature		20	°C		
Method		DIN 53019			
Remarks		aqueous solution 50%			

**kinematic**

Value		200	to	250	mm <sup>2</sup> /s
Temperature		20	°C		
Method		DIN 51562			
Remarks		aqueous solution 50%			

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

Value		400	to	500	kg/m <sup>3</sup>
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**SECTION 10: Stability and reactivity****10.1. Reactivity**

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

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**Decomposition temperature**

Value		360		°C
Source		Analogous		

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**10.5. Incompatible materials**

strong acids, Strong bases

**10.6. Hazardous decomposition products**

No hazardous decomposition products known when handled according to prescribed instructions.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity****Macrogolum 6000 Schuppen**

Species	rat		
LD50	>	15000	mg/kg

**Skin corrosion/irritation****Macrogolum 6000 Schuppen**

evaluation	non-irritant
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**Serious eye damage/irritation****Macrogolum 6000 Schuppen**

evaluation	non-irritant
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**Sensitization****Macrogolum 6000 Schuppen**

evaluation	non-sensitizing
Source	Literature value

**Mutagenicity****Macrogolum 6000 Schuppen**

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

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity****Macrogolum 6000 Schuppen**

Species	golden orfe (Leuciscus idus)		
LC50	>	10	g/l
Duration of exposure		48	h
Method	DIN 38412 T.15		

**Daphnia toxicity****Macrogolum 6000 Schuppen**

Remarks	No data available.
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**Algae toxicity****Macrogolum 6000 Schuppen**

Remarks	No data available.
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**Bacteria toxicity****Macrogolum 6000 Schuppen**

EC50	>	1000	mg/l
Method	OECD 209		
Source	Analogous		

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**12.2. Persistence and degradability****Biodegradability****Macrogolum 6000 Schuppen**

Value	< 20	%
evaluation	sparingly degradable	
Source	Analogous	

**12.3. Bioaccumulative potential****Partition coefficient: n-octanol/water****Macrogolum 6000 Schuppen**

log Pow	< -1
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**12.4. Mobility in soil****General information**

not determined

**12.5. Results of PBT and vPvB assessment****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

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

**Disposal recommendations for packaging**

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

**SECTION 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.

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

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

**SECTION 16: Other information****Supplemental information**

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