



Trade name: Macrogolum 300

Substance number: 265640

Version: 1 / CH

Date revised: 19.01.12

Replaces Version: - / CH

Date of printing: 05.10.12

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

1.1. Product identifier

Macrogolum 300

Item-No.

26564000

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

Use of the substance/preparation

Manufacture of cosmetics

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-6

Chemical characterization

Polyethaleneglycols (PEG)

4. First aid measures

4.1. Description of first aid measures

General information

Take off contaminated clothing and shoes immediately.

After inhalation

Ensure supply of fresh air. Seek medical advice immediately.

After skin contact

In case of contact with skin wash off with water.



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After eye contact

In case of contact with eyes rinse thoroughly with water.

After ingestion

No special measures necessary.

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)

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

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Rinse away rest with plenty of water.

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

No special requirements.

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

Value 10 - 25 °C

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

VCI storage category

VCI storage category 10 Combustible liquids, if not classified in LGK 3 A or 3 B

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

General industrial hygiene practice. Observe the usual precautions when handling chemicals.

Respiratory protection

If ventilation insufficient, use a respiratory protection apparatus. Full mask, filter A



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Hand protection

Butyl rubber - Butyl

Material thickness .7 mm

Penetrating time 480 min

Eye protection

Safety glasses

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** liquid**Colour** colourless**Odour** characteristic**pH**

Value 4 to 7

Concentration/H₂O 100 g/l

Temperature 20 °C

method DIN 19268

Boiling point

Value > 250 °C

Flash point

Value 220 °C

method DIN 51376

Vapour pressure

Value < 0.1 mbar

Temperature 20 °C

DensityValue appr. 1.12 g/cm³

Temperature 20 °C

method DIN 51757

Solubility in water

Temperature 20 °C

Remarks miscible

Solubility in other solvents

Remarks Not determined

Octanol/water partition coefficient (log Pow)

Reference substance Naphtha (Petroleum), hydrotreated light; low boiling point hydrogen treated Naphtha

log Pow < -1

Ignition temperature

Value > 320 °C

method DIN 51794

Thermal decomposition

Value 360 °C

Source Analogous

Viscosity**kinematic**Value 75 to 98 mm²/s

Temperature 20 °C



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method DIN 51562

9.2. Other information**Bulk density**

Remarks Not applicable

10. Stability and reactivity**10.4. Conditions to avoid**

No hazardous reactions known.

Thermal decompositionValue 360 °C
Source Analogous**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**Species rat
LD50 > 15000 mg/kg
Source Literature value**Acute dermal toxicity**

Remarks Not documented.

Acute inhalational toxicity

Remarks Not documented.

Skin corrosion/irritationSpecies rabbit
Remarks No effect of irritation known.
Source Literature value**Serious eye damage/irritation**Species rabbit
Remarks No effect of irritation known
Source Literature value**Sensitization**Remarks No sensitisation effect known.
Source Literature value**Mutagenicity**valuation Not considered mutagenic based on several in vitro and in vivo studies.
Source Literature value**12. Ecological information****12.1. Toxicity****Fish toxicity**Species golden orfe (Leuciscus idus)
LC50 > 10 g/l
Duration of exposure 48 h
method DIN 38412 T.15**Bacteria toxicity**

EC50 > 1.000 mg/l



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12.2. Persistence and degradability

Biodegradability

Value	>	90	%
Duration of test method		10	d
		Zahn-Wellens-test	

Chemical oxygen demand (COD)

Value	1.700	mg/g
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Biochemical oxygen demand (BOD5)

Value	625	mg/g
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12.3. Bioaccumulative potential

Octanol/water partition coefficient (log Pow)

Reference substance	Naphtha (Petroleum), hydrotreated light; low boiling point hydrogen treated Naphtha		
log Pow	<	-1	

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

Dispose of as unused product.

14. Transport information

Land transport ADR/RID

Non-dangerous goods

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: ***
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.