



Trade name: Macrogolum 3000 (FLUKA)

Substance number: 265780

Version: 1 / CH

Date revised: 19.01.12

Replaces Version: - / CH

Date of printing: 28.08.12

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

1.1. Product identifier

Macrogolum 3000 (FLUKA)

Item-No. 26578000

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/the relevant national laws.

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-60

Chemical characterization

Polyethaleneglycols (PEG)

4. First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. 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



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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.

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 the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

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.

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

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

8.1. Control parameters



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Exposure limit values**Polyethyleneglycols (PEG)**

| | | | |
|-----------------------------------|------|------|--------|
| List | SUVA | | |
| Type | MAK | | |
| Value | | 1000 | ppm(V) |
| Pregnancy group: C; Status: 2005; | | | |

8.2. Exposure controls**General protective and hygiene measures**

Observe the usual precautions when handling chemicals. Do not inhale dust.

Hand protection

| | |
|----------------------|---|
| Gloves | |
| Appropriate Material | The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location. |

Eye protection

Safety glasses

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

| | |
|--|-----------------------|
| Form | Flakes |
| Colour | white |
| Odour | odourless |
| pH | |
| Value | 5 to 7 |
| Concentration/H ₂ O | 100 g/l |
| Temperature | 20 °C |
| method | DIN 19268 |
| Freezing point | |
| Value | 52 to 56 °C |
| Boiling point | |
| Remarks | Not determined |
| Flash point | |
| Value | 270 °C |
| method | DIN 51376 |
| Vapour pressure | |
| Value | < 0.01 mbar |
| Temperature | 20 °C |
| Density | |
| Value | 1.6 g/cm ³ |
| Temperature | 20 °C |
| method | DIN 51757 |
| Solubility in water | |
| Value | appr. 500 g/l |
| Temperature | 20 °C |
| Octanol/water partition coefficient (log Pow) | |
| log Pow | < -1 |
| Viscosity | |



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dynamic

| | | | | |
|-------------|-----------|----|-----|-------|
| Value | 75 | to | 100 | mPa.s |
| Temperature | 20 | °C | | |
| method | DIN 53019 | | | |

kinematic

| | | | | |
|-------------|-----------|----|----|--------------------|
| Value | 69 | to | 92 | mm ² /s |
| Temperature | 20 | °C | | |
| method | DIN 51562 | | | |

9.2. Other information**Bulk density**

| | | | | |
|-------|-----|----|-----|-------------------|
| Value | 400 | to | 500 | kg/m ³ |
|-------|-----|----|-----|-------------------|

10. Stability and reactivity**10.6. Hazardous decomposition products**

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

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

| | | | | |
|---------|-----|--------|--|-------|
| Species | rat | | | |
| LD50 | > | 15.000 | | mg/kg |

Skin corrosion/irritation

| | |
|-----------|--------------|
| valuation | non-irritant |
|-----------|--------------|

Serious eye damage/irritation

| | |
|-----------|--------------|
| valuation | non-irritant |
|-----------|--------------|

Sensitization

| | |
|-----------|-----------------|
| valuation | non-sensitizing |
|-----------|-----------------|

Mutagenicity

| | |
|-----------|-----------------------------------|
| valuation | No mutagenicity in the Ames-test. |
|-----------|-----------------------------------|

12. Ecological information**12.1. Toxicity****Fish toxicity**

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

Bacteria toxicity

| | | | |
|--------|----------|-------|------|
| EC50 | > | 1.000 | mg/l |
| method | OECD 209 | | |

12.2. Persistence and degradability**Biodegradability**

| | | | |
|-----------|----------------------|----|---|
| Value | < | 20 | % |
| valuation | sparingly degradable | | |

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow)**



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log Pow < -1

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

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

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.