



Trade name: Propylenglycolum

Substance number: 273560

Version: 1 / CH

Date revised: 03.11.09

Replaces Version: - / CH

Date of printing: 27.08.12

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

1.1. Product identifier

Propylenglycolum

Item-No. 27356000

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

Use of the substance/preparation

Chemical for synthesis, 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

The product does not require a hazard warning label in accordance with Directive 67/548/EC. Irritating to skin.

3. Composition/information on ingredients

Registration no.

EC No.: 200-338-0

Substance / product identification

CAS-Nr. 504-63-2

EINECS-Nr. 207-997-3

INCI Propanediol

4. First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely.

After skin contact

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



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After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Do not induce vomiting. Drink water in small gulps. Summon a doctor immediately. Never give anything by mouth to an unconscious person.

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, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

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**

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

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

Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

No special requirements. Keep container tightly closed in a well-ventilated place. Keep in a dry place.

Hints on storage assembly

Not required.

Further information on storage conditions

None.

8. Exposure controls/personal protection**8.2. Exposure controls**



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General protective and hygiene measures

Observe the usual precautions when handling chemicals. Wash contaminated clothing before reuse.

Hand protection

impermeable gloves

Eye protection

Safety glasses with side protection shield

Body protection

apron

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

Form	liquid		
Colour	colourless		
Melting point			
Value	-24		°C
Boiling point			
Value	214		°C
Flash point			
Value	131		°C
method	Cleveland open cup - COC		
Vapour pressure			
Value	0.107		hPa
Temperature	20	°C	
Solubility in water			
Value	100		g/l

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

No hazardous reactions known.

10.6. Hazardous decomposition products

None under normal use.

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

Species	rat		
LD50	15000		mg/kg

Acute dermal toxicity

Species	rabbit		
LD50	> 20000		mg/kg

Acute inhalational toxicity

Species	rat		
	>	5	mg/l
Duration of exposure	4	h	

Skin corrosion/irritation



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Remarks slightly irritating (skin)

Serious eye damage/irritation

Remarks None

Sensitization

Remarks No sensitisation effect known.

Subacute, subchronic, chronic toxicityRemarks Prolonged skin contact may cause skin irritation.
Remarks Repeated absorption may cause disorder of liver.**Mutagenicity**

Remarks None

Carcinogenicity

Remarks No data available.

12. Ecological information**12.1. Toxicity****Fish toxicity**Species Fathead minnow (Pimephales promelas)
LC50 > 9720 mg/l
Duration of exposure 96 h**Daphnia toxicity**Species Daphnia magna
EC50 7417 mg/l
Duration of exposure 48 h**Algae toxicity**

EC50 1600 mg/l

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**



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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.