



Trade name: Polysorbatum 60

Substance number: 267320

Version: 3 / CH

Date revised: 24.01.12

Replaces Version: 2 / CH

Date of printing: 28.08.12

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

1.1. Product identifier

Polysorbatum 60

Item-No.

26732000

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

Use of the substance/preparation

Nonionic surfactant

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

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

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr.

9005-67-8

EINECS-Nr.

Polymer

INCI

Polysorbate 60

4. First aid measures

4.1. Description of first aid measures

General information

No special measures necessary.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact



Trade name: Polysorbatum 60

Substance number: 267320

Version: 3 / CH

Date revised: 24.01.12

Replaces Version: 2 / CH

Date of printing: 28.08.12

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Take medical treatment.

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

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

No special measures required.

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

Not required.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust).

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

No special measures necessary if stored and handled as prescribed.

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 measures required.

Hints on storage assembly

Not required.

Further information on storage conditions

Keep container tightly closed. Protect from heat. Protect from direct sunlight.

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

See chapter 7. No measures exceeding the ones mentioned are necessary.

General protective and hygiene measures

Observe the usual precautions when handling chemicals.

Respiratory protection

Not necessary.



Trade name: Polysorbatum 60

Substance number: 267320

Version: 3 / CH

Date revised: 24.01.12

Replaces Version: 2 / CH

Date of printing: 28.08.12

Hand protection

Protective gloves

Eye protection

Safety glasses

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

Form	liquid		
Colour	yellow		
Odour	almost odourless		
pH			
Value	appr. 7		
Concentration/H ₂ O	10	g/l	
Freezing point			
Value	appr. 15		°C
Flash point			
Value	> 100		°C
Density			
Value	appr. 1.05		g/m ³
Temperature	50	°C	
Thermal decomposition			
Remarks	No decomposition if used as prescribed.		
Viscosity			
dynamic			
Value	appr. 700		mPa.s
Temperature	50	°C	

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

No hazardous reactions known.

Thermal decomposition

Remarks No decomposition if used as prescribed.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

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

Species	rat		
LD50	> 30000		mg/kg

Skin corrosion/irritation

Remarks No effect of irritation known.

Serious eye damage/irritation

Remarks No effect of irritation known

Sensitization



Trade name: Polysorbatum 60

Substance number: 267320

Version: 3 / CH

Date revised: 24.01.12

Replaces Version: 2 / CH

Date of printing: 28.08.12

Remarks No sensation effect known.

Other information

By appropriate use of the product no health damage is known.

12. Ecological information**12.2. Persistence and degradability****Biodegradability**Value appr. 37 %
method OECD 302B/ISO 9888/EEC 88/302,C**Chemical oxygen demand (COD)**

Value 2000

12.6. Other adverse effects**General information / ecology**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**EWC waste code 16 03 05* organic wastes containing dangerous substances
Disposal in compliance with local and national regulations.**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

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.

14.5. Environmental hazards

no

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 Self-assessment**16. Other information****Supplemental information**

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



Trade name: Polysorbatum 60

Substance number: 267320

Version: 3 / CH

Replaces Version: 2 / CH

Date revised: 24.01.12

Date of printing: 28.08.12

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.