

Trade name: Polysorbatum 20

Substance number: 267200

Version: 7 / CH

Date revised: 22.06.2022

Replaces Version: 6 / CH

Print date: 22.06.22

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

### **1.1. Product identifier**

Polysorbatum 20

Item No. 26720000

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

CAS-No. 9005-64-5

INCI Polysorbate 20

### **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/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 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

## **SECTION 2: Hazards identification**

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

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

No special hazards have to be mentioned.

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

### **Further ingredients \*\*\***

#### **Sorbitan monolaurate, ethoxylated**

CAS No. 9005-64-5

EINECS no. 500-018-3

Concentration &gt;= 95 %

Advice: [4]

#### **Note**

[4] Voluntary information

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## **SECTION 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**

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

#### **After ingestion**

Take medical treatment.

## **SECTION 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.

## **SECTION 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).

### **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**

#### **Advice on safe handling**

No special measures necessary if stored and handled as prescribed.

#### **Advice on protection against fire and explosion**

No special measures required.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

No special requirements.

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**Hints on storage assembly**

Not required.

**Storage classes**

Storage class according to TRGS 510 10 Flammable liquids

**Further information on storage conditions**

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

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

See Section 7. No measures exceeding the ones mentioned necessary.

**General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

**Respiratory protection**

Not necessary.

**Hand protection**

Protective gloves

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

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

<b>Form</b>	liquid		
<b>Colour</b>	yellowish		
<b>Odour</b>	almost odourless		
<b>pH value</b>			
Value	appr.	6	
Concentration/H <sub>2</sub> O		100	g/l
<b>Freezing point</b>			
Value	<	0	°C
<b>Flash point</b>			
Value	>	150	°C
<b>Density</b>			
Value	appr.	1.11	g/m <sup>3</sup>
Temperature		25	°C
<b>Decomposition temperature</b>			
Remarks	No decomposition if used as prescribed.		
<b>Viscosity</b>			
<b>dynamic</b>			
Value	appr.	400	mPa.s
Temperature		25	°C

**SECTION 10: Stability and reactivity**

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**10.1. Reactivity**

No dangerous reactions known.

**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**

No hazardous reactions known.

**10.5. Incompatible materials**

None

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity (Components)****Sorbitan monolaurate, ethoxylated**

Species	rat		
LD50	>	35000	mg/kg

**Skin corrosion/irritation**

Remarks No effect of irritation known.

**Serious eye damage/irritation**

Remarks No effect of irritation known

**Sensitization**

Remarks No sensitisation effect known.

**Other information**

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

**SECTION 12: Ecological information****12.1. Toxicity****General information**

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

**12.2. Persistence and degradability****General information**

There is no data available on the product apart from the information given in this subsection.

**Biodegradability**

Value	appr. 37	%
Method	OECD 302B	

**12.3. Bioaccumulative potential****General information**

There is no data available on the product apart from the information given in this subsection.

**12.4. Mobility in soil**

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**General information**

There is no data available on the product apart from the information given in this subsection.

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

Not applicable

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

There is no data available on the product apart from the information given in this subsection.

**General information / ecology**

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

**SECTION 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.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	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 (Germany) WGK 1

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

**SECTION 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.