



Trade name: Carbopol 940

Substance number: 062474

Version: 1 / CH

Date revised: 10.08.12

Replaces Version: - / CH

Date of printing: 10.08.12

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

### **1.1. Product identifier**

Carbopol 940

Item-No.

06247400

### **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.

## **3. Composition/information on ingredients**

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

CAS-Nr.

9003-01-4

INCI

Polyacrylic acid

## **4. First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

If you feel unwell, seek medical advice (show the label where possible). Remove contaminated, soaked clothing immediately and dispose of safely.

#### **After inhalation**

Remove the casualty into fresh air and keep him calm. If necessary, give oxygen. Irregular breathing/no breathing: artificial respiration. In the event of symptoms take medical treatment.

#### **After skin contact**

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

#### **After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.



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**After ingestion**

Do not induce vomiting. Summon a doctor immediately.

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

Dry chemical extinguisher, Foam, Water spray jet, Water mist, Only in case of small fires: Carbon dioxide

**Non Suitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**

In case of combustion, evolution of health hazardous partially burned gases. Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

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

Wear full protective suit. In case of combustion use a suitable 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**

When picked up, treat material as prescribed under heading "Disposal". Forms slippery surfaces with water. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Avoid raising dust.

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

Keep away from heat and sources of ignition. Avoid dust formation. Avoid inhaling dusts/ billows/ steams. Use only in well ventilated areas. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with skin, eyes and clothing. Take precautionary measures against electrostatic loading.

**Advice on protection against fire and explosion**

Dust can form an explosive mixture with air. Electrostatic loading of the material is possible. Keep away from sources of ignition.

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

Keep tightly closed in a dry and cool place. Storage rooms must be properly ventilated.

**8. Exposure controls/personal protection****8.1. Control parameters****Exposure limit values**



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**Polyacrylic acid**

List	SUVA	
Type	MAK	
Value	0,05	mg/m <sup>3</sup>
Short term exposure limit	0,05	mg/m <sup>3</sup>

Maximum limit value: 15 min; Pregnancy group: C; Status: 2005;

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

Provide adequate ventilation. General industrial hygiene practice. Keep away from food-stuffs, beverages and feed-stocks. Do not eat or drink during work time.

**Respiratory protection**

If workplace limits are exceeded, a respirations protection approved for this particular job must be worn.

**Hand protection**

Chemical resistant gloves  
Reference substance Polyacrylic acid

**Eye protection**

Safety glasses

**Body protection**

Protective clothing

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

<b>Form</b>	Powder
<b>Colour</b>	white
<b>Odour</b>	faint odour of acetic acid
<b>Odour threshold</b>	
Remarks	Not determined
Source	Safety Data Sheet Supplier
<b>pH</b>	
Value	2.5 to 3
Source	Safety Data Sheet Supplier
<b>Melting point</b>	
Remarks	Not determined
Source	Safety Data Sheet Supplier
<b>Freezing point</b>	
Remarks	Not determined
Source	Safety Data Sheet Supplier
<b>Boiling point</b>	
Remarks	Not determined
Source	Safety Data Sheet Supplier
<b>Flash point</b>	
Value	°C
Remarks	Not applicable
<b>Explosion limits</b>	
Remarks	Not determined
Source	Safety Data Sheet Supplier
<b>Vapour pressure</b>	



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Remarks Not determined

**Solubility in water**Remarks insoluble, only capable of swelling  
Source Safety Data Sheet Supplier**Viscosity****dynamic**Value < 11 Pa.s  
Temperature 25 °C  
Source Safety Data Sheet Supplier**9.2. Other information****Bulk density**Value < 0.24 kg/dm<sup>3</sup>  
Source Safety Data Sheet Supplier**Solids content**Value > 98 %  
Source Safety Data Sheet Supplier**Other information**

The product is capable of dust explosions. Forms explosive mixture with air are possible.

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

No decomposition if stored and applied as directed.

**10.5. Incompatible materials**

Ammonia, Alkalies, amines

**10.6. Hazardous decomposition products**

Fume, Carbon monoxide and carbon dioxide, Aldehydes

**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**Reference substance Polyacrylic acid  
Species rat  
LD50 2000 to 5000 mg/kg  
Source Safety Data Sheet Supplier**Acute dermal toxicity**Reference substance Polyacrylic acid  
Species rabbit  
LD50 > 2000 mg/kg**Skin corrosion/irritation**Reference substance Polyacrylic acid  
Remarks None  
Source Safety Data Sheet Supplier**Serious eye damage/irritation**Reference substance Polyacrylic acid  
Remarks None  
Source Safety Data Sheet Supplier



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**Sensitization**

Reference substance valuation	Polyacrylic acid non-sensitizing
Source	Safety Data Sheet Supplier

**Subacute, subchronic, chronic toxicity**

Remarks	Chronic exposure causes damage of respiratory organs.
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**Mutagenicity**

Remarks	No information available.
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**Reproduction toxicity**

Remarks	No data available.
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**Carcinogenicity**

Route of exposure	inhalational
Species	rat
Duration of exposure valuation	2 y Definitely confirmed as causing cancer in the experiment on test animals.

**Experience in practice**

Inhalation may lead to irritation of the respiratory tract.

**Other information**

Observe the usual precautions for handling chemicals.

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

Reference substance EC50	Polyacrylic acid	100	to	1000	mg/l
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**12.2. Persistence and degradability****Biodegradability**

Reference substance Value valuation method	Polyacrylic acid	> 25	%
	not readily degradable		
	OECD 301		

**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**



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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.