

Trade name: Acid tartaricum griessform

Substance number: 060448

Version: 3 / CH

Date revised: 28.10.2019

Replaces Version: 2 / CH

Print date: 28.10.19

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

### **1.1. Product identifier**

Acid tartaricum griessform

Item No. 06044800

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

#### **Use of the substance/preparation**

Component of cosmetic products, Manufacture of pharmaceutical products

### **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**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Eye Dam. 1 H318

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

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

#### **Hazard pictograms \*\*\***



#### **Signal word \*\*\***

Danger

#### **Hazard statements \*\*\***

H318 Causes serious eye damage.

#### **Precautionary statements \*\*\***

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.

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**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains \*\*\* L-(+)-Tartaric acid

**SECTION 3: Composition/information on ingredients \*\*\*****Molecular weight**

Value 150.08 g/mol

**Hazardous ingredients \*\*\*****L-(+)-Tartaric acid**

CAS No. 87-69-4

EINECS no. 201-766-0

Concentration &gt;= 50 %

Classification (Regulation (EC) No. 1272/2008)  
Eye Dam. 1 H318**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

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

**After skin contact**

Wash immediately with plenty of water for several minutes. Remove contaminated, soaked clothing immediately and dispose of safely.

**After eye contact**

In case of contact with eyes rinse thoroughly with water. Summon a doctor immediately.

**After ingestion**

Drink water in small gulps. If swallowed, seek medical advice immediately and show this container or label.

**4.2. Most important symptoms and effects, both acute and delayed**

Diarrhoea

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

Carbon dioxide, Dry powder, Water, Foam

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

The product is combustible. Forms explosive mixture with air are possible. In case of combustion evolution of dangerous gases possible.

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

Use self-contained breathing apparatus.

**Other information**

Do not discharge into surface waters/groundwater.

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

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Avoid dust formation. Do not inhale dust. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Refer to protective measures listed in Sections 7 and 8.

## 6.2. Environmental precautions

Do not empty into drains.

## 6.3. Methods and material for containment and cleaning up

Dampen, pick up mechanically and dispose of. Clean up affected area. Avoid raising dust. To pick up dry

## 6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Observe safety references and application instructions mentioned on can.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed and dry.

#### Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	8	Caustic and corrosive substances

#### Further information on storage conditions

Keep only in the original container, tightly closed, in a well ventilated place. Protect from atmospheric moisture and water.

## SECTION 8: Exposure controls/personal protection \*\*\*

### 8.1. Control parameters

#### Exposure limit values \*\*\*

##### L-(+)-Tartaric acid

List	SUVA	
Type	MAK	
Value	2	mg/m <sup>3</sup>
Short term exposure limit	4	mg/m <sup>3</sup>
Pregnancy group: S; Status: 2017; Remarks: SSc; AW		

### 8.2. Exposure controls

#### General protective and hygiene measures

Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands and face after work. Preventative skin protection.

#### Respiratory protection

Breathing apparatus in the event of aerosol. Particle filter P2

#### Hand protection

Gloves	
Use	Permanent hand contact
Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Breakthrough time	> 480 min
Use	Short-term hand contact
Appropriate Material	nitrile rubber - NBR

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Material thickness		0.11	mm
Breakthrough time	>	480	min

**Eye protection**

Safety glasses

**Body protection**

Clothing as usual in the chemical industry.

**SECTION 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>		odourless		
<b>pH value</b>				
Value		2.2		
<b>Melting point</b>				
Value		169		°C
Pressure		1013	hPa	
<b>Initial boiling point and boiling range</b>				
Value		179.1		°C
Pressure		1013	hPa	
<b>Flash point</b>				
Value	>	100		°C
Pressure		1013	hPa	
<b>Vapour pressure</b>				
Value	<	5		Pa
Temperature		20	°C	
<b>Density</b>				
Value		1.76		g/cm <sup>3</sup>
Temperature		20	°C	
Remarks		Relative Density according specification		
<b>Solubility in water</b>				
Value		1390		g/l
Temperature		20	°C	
<b>Partition coefficient: n-octanol/water</b>				
log Pow		-1.91		
Temperature		20	°C	
<b>Ignition temperature</b>				
Value		425		°C
<b>9.2. Other information</b>				
<b>Bulk density</b>				
Value		appr. 1000		kg/m <sup>3</sup>

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

Heat. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

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**10.5. Incompatible materials**

Reacts violently with: Fluorine, Metals

**10.6. Hazardous decomposition products**

No data available.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Skin corrosion/irritation**

evaluation slightly irritant

**Serious eye damage/irritation**

evaluation strongly irritant

**Sensitization**

Species	guinea pig
Remarks	negative
Source	Literature value

**Experience in practice**

Irritation. diarrhea. Irritates the mucous membrane.

**Other information**

Observe the usual precautions for handling chemicals.

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

Species	goldfish (Carassius auratus)	
LC0	200	mg/l
Source	Literature value	

**Daphnia toxicity**

Species	Daphnia	
EC50	135	mg/l
Duration of exposure	24	h
Source	Literature value	

**12.2. Persistence and degradability****Biodegradability**

evaluation Readily biodegradable

**12.3. Bioaccumulative potential****Partition coefficient: n-octanol/water**

log Pow	-1.91
Temperature	20 °C

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

Do not allow it to reach soil, ground water, water bodies or sewage system.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

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**Disposal recommendations for the product**

EWC waste code

No not dispose with rubbish.

Disposal in compliance with local and national regulations.

EWC waste code

Should not be released into the sanitary sewer system.

**Disposal recommendations for packaging**

Dispose of as unused product.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	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****Hazard statements listed in Chapter 3**

H318 Causes serious eye damage.

**CLP categories listed in Chapter 3**

Eye Dam. 1 Serious eye damage, Category 1

**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.