



Trade name: Phenylephrini hydrochloridum

Substance number: 067170

Version: 2 / CH

Date revised: 12.04.12

Replaces Version: 1 / CH

Date of printing: 12.04.12

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

### **1.1. Product identifier**

Phenylephrini hydrochloridum

Item-No. 06717000

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

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

Active pharmaceutical substance

### **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 \*\*\***

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

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

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

Acute Tox. 4 H302

#### **Classification in accordance with EC directives**

Classification Xn, R22

### **2.2. Label elements**

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

##### **Hazard pictograms**



##### **Signal Word**

Warning

##### **Hazard statements**

H302 Harmful if swallowed.

##### **Precautionary statements**

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P270 Do not eat, drink or smoke when using this product.

P501.3 Disposal in compliance with local and national regulations.

#### **Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product is classified and labelled in accordance with EC directives/the relevant national laws.



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**Hazard symbols**

Harmful

**R phrases**

22 Harmful if swallowed.

**S phrases**

7 Keep container tightly closed.  
 36 Wear suitable protective clothing.  
 46 If swallowed, seek medical advice immediately and show this container or label.

**Hazardous component(s) to be indicated on label**

contains \*\*\* phenylephrine hydrochloride

**3. Composition/information on ingredients \*\*\*****Hazardous ingredients \*\*\*****phenylephrine hydrochloride**

CAS No.	61-76-7			
EINECS no.	200-517-3			
Concentration		>=	50	%
Classification	Xn, R22			

Classification (Regulation (EC) No. 1272/2008)			
Acute Tox. 4		H302	

**4. First aid measures****4.1. Description of first aid measures****General information**

Take off contaminated clothing and shoes immediately. Poisonous symptoms can first be observed after several hours, therefore medical observation for at least 48 hours is necessary.

**After inhalation**

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

**After skin contact**

Wash off immediately with soap and water and rinse well.

**After eye contact**

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

**After ingestion**

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

Water spray jet, Foam, Carbon dioxide, Dry chemical extinguisher



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

In the event of fire the following can be released: Nitrogen oxides (NO<sub>x</sub>); Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Hydrogen chloride (HCl)

## 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

Ensure supply of fresh air. Avoid dust formation.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways.

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

Pick up mechanically. When picked up, treat material as prescribed under heading "Disposal".

## 7. Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary).

#### Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Take precautionary measures against static charges. Vapours can form an explosive mixture with air. The product is combustible.

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

#### Recommended storage temperature

Value 25 °C

#### Requirements for storage rooms and vessels

Keep only in the original container. Provide solvent-resistant and impermeable floor.

#### Hints on storage assembly

Do not store with oxidizing agents. Do not store with acids.

#### Further information on storage conditions

Protect from exposure to air/oxygen. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep locked up and out of reach of children.

## 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

Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Store work clothing separately. Wash hands before breaks and after work. Do not inhale dust.

#### Respiratory protection

Breathing apparatus in the event of aerosol. At intensive and longer exposition use self-contained breathing apparatus.



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**Hand protection**

necessary

Appropriate Material

nitrile rubber - NBR

**Eye protection**

Tightly fitting 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>	slightly perceptible		
<b>pH</b>			
Value	7		
Temperature	20	°C	
<b>Melting point</b>			
Value	143	°C	
<b>Boiling point</b>			
Remarks	Not determined		
<b>Flash point</b>			
Remarks	Not applicable		
<b>Explosion limits</b>			
Remarks	Not applicable		
<b>Density</b>			
Remarks	Not determined		
<b>Solubility in water</b>			
Value	1000	g/l	
Temperature	20	°C	
<b>Ignition temperature</b>			
Value	480	°C	
<b>Thermal decomposition</b>			
Value	153	°C	
Heating rate	2.5	K/min	
method	DTA		

**9.2. Other information****Bulk density**Value appr. 500 kg/m<sup>3</sup>**Solids content**

Value 100 %

**Other information**

The product is combustible. The product is not dangerous for explosions. Forms explosive mixture with air are possible.

**10. Stability and reactivity**



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#### 10.4. Conditions to avoid

No decomposition if stored and applied as directed.

##### Thermal decomposition

Value	153	°C
Heating rate	2.5	K/min
method	DTA	

#### 10.5. Incompatible materials

Avoid contact with oxidizing substances. Reactions with strong acids.

#### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide, nitrous oxides (NO<sub>x</sub>), Hydrogen chloride (HCl)

### 11. Toxicological information

#### 11.1. Information on toxicological effects

##### Acute oral toxicity

Species	mouse		
LD50	120		mg/kg
Species	rat		
LD50	350		mg/kg

##### Skin corrosion/irritation

Remarks None

##### Serious eye damage/irritation

Remarks None

##### Sensitization

Remarks No sensitisation effect known.

##### Subacute, subchronic, chronic toxicity

Remarks None

### 12. Ecological information

#### 12.6. Other adverse effects

##### General information / ecology

Hazard for drinking water supplies. Do not allow 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	07	Wastes from organic chemical processes
EWC waste code	07 05	wastes from the MFSU of pharmaceuticals
EWC waste code	07 05 08*	other still bottoms and reaction residues
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

Disposal in compliance with local and national regulations.



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## **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 3
Remarks	Self-assessment

## **16. Other information**

### **R-phrases listed in chapter 3**

22	Harmful if swallowed.
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### **Hazard statements listed in chapter 3**

H302	Harmful if swallowed.
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### **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.