

Trade name: Promethazini hydrochloridum

Substance number: 067420

Version: 3 / CH

Date revised: 07.09.2020

Replaces Version: 2 / CH

Print date: 07.09.20

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

### **1.1. Product identifier**

Promethazini hydrochloridum

Item No. 06742000

### **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)

Acute Tox. 4	H302
Acute Tox. 4	H312
Acute Tox. 4	H332
Eye Dam. 1	H318
Skin Sens. 1	H317
Repr. 2	H361fd
Aquatic Chronic 2	H411

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.
H317	May cause an allergic skin reaction.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.

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

P201	Obtain special instructions before use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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.

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

contains \*\*\* promethazine hydrochloride

**SECTION 3: Composition/information on ingredients \*\*\*****Hazardous ingredients \*\*\*****promethazine hydrochloride**

CAS No.	58-33-3		
EINECS no.	200-375-2		
Concentration	>=	85	%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 4		H302
	Acute Tox. 4		H312
	Acute Tox. 4		H332
	Skin Sens. 1		H317
	Eye Dam. 1		H318
	Repr. 2		H361
	Aquatic Chronic 2		H411

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

Remove contaminated, soaked clothing immediately and dispose of safely.

**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**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical advice immediately.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Summon a doctor immediately.

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

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

**Non suitable extinguishing media**

Full water jet

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

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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>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. 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 Section 13 "Disposal".

## SECTION 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). Isolate from sources of heat, sparks and open flame.

#### Advice on protection against fire and explosion

The product is combustible.

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

#### Requirements for storage rooms and vessels

Keep only in original packaging.

#### Hints on storage assembly

Do not store together with foodstuffs. Do not store with oxidizing agents. Do not store with acids. Do not store with alkalies.

#### 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 containers tightly closed in a dry, cool and well-ventilated place. Protect from light. Store in a dark place

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

#### General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Avoid contact with skin and eyes. Wash hands before breaks and after work.

#### Respiratory protection

Short term: filter apparatus; At intensive and longer exposition use self-contained breathing apparatus.

#### Hand protection

Protective gloves

Appropriate Material

The glove material must be sufficient impermeable and resistant to the

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Synthetic rubber gloves

substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

**Eye protection**

Tightly fitting 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>	characteristic		
<b>pH value</b>			
Value	4	to	5
Temperature	20	°C	
<b>Melting point</b>			
Value	222		°C
<b>Initial boiling point and boiling range</b>			
Remarks	not determined		
<b>Flash point</b>			
Remarks	Not applicable		
<b>Upper/lower flammability or explosive limits</b>			
Remarks	Not applicable		
<b>Vapour pressure</b>			
Remarks	Not applicable		
<b>Density</b>			
Remarks	not determined		
<b>Solubility in water</b>			
Remarks	soluble		
<b>Ignition temperature</b>			
Value	390		°C
<b>Decomposition temperature</b>			
Remarks	No decomposition if used as prescribed.		
<b>Viscosity</b>			
<b>dynamic</b>			
Remarks	Not applicable		

**9.2. Other information****Other information**

The product is not dangerous for explosions.

**SECTION 10: Stability and reactivity****10.5. Incompatible materials**

Reactions with acids and strong oxidising agents. Reactions with strong alkalis.

**10.6. Hazardous decomposition products**

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Carbon monoxide and carbon dioxide, nitrous oxides (NOx)

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

ATE	255	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

**Acute oral toxicity (Components)****promethazine hydrochloride**

Species	mouse	
LD50	255	mg/kg

**promethazine hydrochloride**

Species	rat	
LD50	765	mg/kg

**Acute dermal toxicity**

ATE	1'100	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

**Acute inhalational toxicity**

ATE	1.5	mg/l
Administration/Form	Dust/Mist	
Method	calculated value (Regulation (EC) No. 1272/2008)	

**Skin corrosion/irritation**

Method	OECD 404
Remarks	No effect of irritation known.

**Serious eye damage/irritation (Components)****promethazine hydrochloride**

evaluation	irritant - risk of serious damage to eyes
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**Sensitization (Components)****promethazine hydrochloride**

evaluation	May cause allergic skin reactions.
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**Reproduction toxicity (Components)****promethazine hydrochloride**

evaluation	Suspected of damaging fertility or the unborn child.
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**SECTION 12: Ecological information \*\*\*****12.1. Toxicity****Fish toxicity**

Remarks	Harmful to fishes.
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**Daphnia toxicity (Components)****promethazine hydrochloride**

Species	Daphnia magna	
EC50	1.5	mg/l
Duration of exposure	48	h

**12.2. Persistence and degradability****Biodegradability (Components)****promethazine hydrochloride**

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evaluation

Slightly biodegradable

### 12.3. Bioaccumulative potential

#### General information

No data available

### 12.4. Mobility in soil

#### General information

No data available

### 12.5. Results of PBT and vPvB assessment

#### General information

Toxic to aquatic life.

### 12.6. Other adverse effects

#### General information

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

#### General information / ecology

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

## **SECTION 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.

## **SECTION 14: Transport information \*\*\***

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	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
Tunnel restriction code	-		
14.1. UN number	3077	3077	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (promethazine hydrochloride)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (promethazine hydrochloride)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (promethazine hydrochloride)
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 kg		
Transport category	3		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant 	 ENVIRONMENTALLY HAZARDOUS

## 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 3

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

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Hazard statements listed in Chapter 3

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child.

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H411 Toxic to aquatic life with long lasting effects.

**CLP categories listed in Chapter 3**

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1	Serious eye damage, Category 1
Repr. 2	Reproductive toxicity, Category 2
Skin Sens. 1	Skin sensitization, 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.