

Trade name: Ethylmorphini hydrochloridum

Substance number: 052000

Version: 3 / CH

Date revised: 24.08.2020

Replaces Version: 2 / CH

Print date: 24.08.20

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

### **1.1. Product identifier**

Ethylmorphini hydrochloridum

Item No. 05200000

#### **Registration no.**

EC No.: 204-734-4

CAS No. 6746-59-4

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

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

Active pharmaceutical substance, Narcotic

### **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. 3 H301

Acute Tox. 3 H311

Acute Tox. 3 H331

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 \*\*\***

H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.

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

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P311	Call a POISON CENTER or doctor.
P501.3	Disposal in compliance with local and national regulations.

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

contains \*\*\* Ethylmorphine hydrochloride

**SECTION 3: Composition/information on ingredients \*\*\*****Chemical characterization**

Ethylmorphine hydrochloride

**Hazardous ingredients \*\*\*****Ethylmorphine hydrochloride**

CAS No.	6746-59-4		
EINECS no.	204-734-4		
Concentration	>=	100	%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 3		H301
	Acute Tox. 3		H311
	Acute Tox. 3		H331

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

When dust is intensively inhaled, seek medical help immediately. Remove the casualty into fresh air and keep him calm.

**After skin contact**

Remove contaminated, soaked clothing immediately and dispose of safely. Wash off immediately with soap and water and rinse well.

**After eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

**After ingestion**

If swallowed, seek medical advice immediately and show this container or label. Keep at rest. Induce vomiting if patient is conscious, seek medical advice. Never give anything by mouth to an unconscious person. Administer activated charcoal.

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

Vomiting, Headache, Dizziness, Narcosis, Unconsciousness, Contraction of pupils, respiratory moderation, Breathing stop

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

Carbon dioxide, Water mist, Alcohol-resistant foam

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**Non suitable extinguishing media**

Full water jet, Dry powder

**5.2. Special hazards arising from the substance or mixture**Development of toxic gases; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Nitrogen oxides (NO<sub>x</sub>); Hydrogen chloride (HCl); Avoid inhalation of smoke and vapours.**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Wear full protective suit. Use self-contained breathing apparatus. Use self-contained breathing apparatus.

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

Remove persons to safety. Use personal protective clothing. Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Advise water authority if spillage has entered water course or drainage system.

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

Take up mechanically and collect in suitable container for disposal. Cleaning operations should be carried out only with breathing apparatus.

**6.4. Reference to other sections**

Information regarding personal protective measures, see Section 8.

**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). Keep away from heat and sources of ignition.

**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: Oxidising agents, Alkalies

**Storage classes**

Storage class according to TRGS 510 6.1D

Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects  
Toxic substances

Storage category (Switzerland) 6.1

**Further information on storage conditions**

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

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

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**General protective and hygiene measures**

Avoid any contact with the body. Avoid contact with skin and eyes.

**Respiratory protection**

Dust mask; Gas filter E 2.

**Hand protection**Protective gloves  
Appropriate Material rubber**Eye protection**

Safety glasses with side protection shield

**Body protection**

Protective clothing

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

<b>Form</b>	solid
<b>Colour</b>	white
<b>Odour</b>	odourless
<b>pH value</b>	
Value	4.3 to 5.7
Concentration/H <sub>2</sub> O	2 %
<b>Melting point</b>	
Value	123 °C
<b>Flash point</b>	
Value	°C
Remarks	Not applicable
<b>Vapour pressure</b>	
Remarks	Not applicable
<b>Solubility in water</b>	
Remarks	easily soluble

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None known

**10.2. Chemical stability**

Stable under recommended storage and handling conditions (see section 7).

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Protect from exposure to air/oxygen.

**10.5. Incompatible materials**

Strong oxidising agents

**10.6. Hazardous decomposition products**Carbon monoxide, Carbon dioxide, nitrous oxides (NO<sub>x</sub>), Hydrogen chloride (HCl)**SECTION 11: Toxicological information**

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## 11.1. Information on toxicological effects

### Acute oral toxicity

#### Ethylmorphine hydrochloride

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

### Acute dermal toxicity

#### Ethylmorphine hydrochloride

ATE	300	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

### Acute inhalational toxicity

#### Ethylmorphine hydrochloride

ATE	3	mg/l
Administration/Form	Vapors	
Method	calculated value (Regulation (EC) No. 1272/2008)	

#### Ethylmorphine hydrochloride

ATE	0.5	mg/l
Administration/Form	Dust/Mist	
Method	calculated value (Regulation (EC) No. 1272/2008)	

### Skin corrosion/irritation

#### Ethylmorphine hydrochloride

Remarks	None
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### Serious eye damage/irritation

#### Ethylmorphine hydrochloride

Remarks	None
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### Sensitization

#### Ethylmorphine hydrochloride

Remarks	None
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### Subacute, subchronic, chronic toxicity

#### Ethylmorphine hydrochloride

LD50		
Route of exposure	subcutaneous	
Species	mouse	
	200	mg/kg

### Mutagenicity

#### Ethylmorphine hydrochloride

Remarks	None
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### Reproductive toxicity

#### Ethylmorphine hydrochloride

Remarks	None
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### Carcinogenicity

#### Ethylmorphine hydrochloride

Remarks	None
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### Specific Target Organ Toxicity (STOT)

#### Ethylmorphine hydrochloride

Single exposure evaluation	No indications of STOT effects are available.
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**Ethylmorphine hydrochloride**

**Repeated exposure**  
evaluation

No indications of STOT effects are available.

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

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




**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**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
<b>14.1. UN number</b>	1544	1544	1544
<b>14.2. UN proper shipping name</b>	ALKALOIDS, SOLID, N.O.S. (Ethylmorphine hydrochloride)	ALKALOIDS, SOLID, N.O.S. (Ethylmorphine hydrochloride)	ALKALOIDS, SOLID, N.O.S. (Ethylmorphine hydrochloride)
<b>14.3. Transport hazard class(es)</b>	6.1	6.1	6.1
Label			
<b>14.4. Packing group</b>	III	III	III
Limited Quantity	5 kg		
Transport category	2		

**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

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## 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**

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.

### **CLP categories listed in Chapter 3**

Acute Tox. 3	Acute toxicity, Category 3
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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.