

Trade name: Methadoni hydrochloridum

Substance number: 054000

Version: 6 / CH

Date revised: 10.03.2020

Replaces Version: 5 / CH

Print date: 10.03.20

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

### **1.1. Product identifier**

Methadoni hydrochloridum

Item No. 05400000

#### **Registration no.**

EC No.: 214-140-7

CAS No. 1095-90-5

### **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/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

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 \*\*\***

H301

Toxic if swallowed.

H411

Toxic to aquatic life with long lasting effects.

Trade name: Methadoni hydrochloridum

Substance number: 054000

Version: 6 / CH

Date revised: 10.03.2020

Replaces Version: 5 / CH

Print date: 10.03.20

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

P264.1	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P330	Rinse mouth.
P391	Collect spillage.
P501.3	Disposal in compliance with local and national regulations.

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

contains \*\*\* methadone hydrochloride

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

CAS No.	1095-90-5		
EINECS no.	214-140-7		
Concentration	>=	50	%
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 3	H301	
	Aquatic Chronic 2	H411	

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

Irregular breathing/no breathing: artificial respiration.

**After inhalation**

Ensure supply of fresh air. If the patient is likely to become unconscious, place and transport in stable sideways position.

**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.). Summon a doctor immediately.

**After ingestion**

Do not induce vomiting. Summon a doctor immediately.

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

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

**Non suitable extinguishing media**

Full water jet

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

Use self-contained breathing apparatus.

**Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

Trade name: Methadoni hydrochloridum

Substance number: 054000

Version: 6 / CH

Date revised: 10.03.2020

Replaces Version: 5 / CH

Print date: 10.03.20

## **SECTION 6: Accidental release measures**

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

Avoid dust formation. Keep away sources of ignition. Keep away unprotected persons.

### **6.2. Environmental precautions**

Knock down dust with water spray jet. Do not discharge into the drains/surface waters/groundwater. Retain and dispose of contaminated wash water. 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. When picked up, treat material as prescribed under Section 13 "Disposal". Flush away residues with water.

### **6.4. Reference to other sections**

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid the formation and deposition of dust. Provide good ventilation of working area (local exhaust ventilation if necessary).

#### **Advice on protection against fire and explosion**

Take action to prevent static discharges. Dust can form an explosive mixture with air.

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

#### **Requirements for storage rooms and vessels**

Keep in a cool place.

#### **Hints on storage assembly**

Do not store with oxidizing agents.

#### **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
Storage category (Switzerland)	6.1	Toxic substances

#### **Further information on storage conditions**

Keep container tightly closed, cool and dry. Keep under lock and key or accessible only to specialists or people who are authorized.

## **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. Wash hands before breaks and after work. Avoid contact with skin and eyes.

#### **Respiratory protection**

Use breathing apparatus in dust-laden atmosphere.

#### **Hand protection \*\*\***

Trade name: Methadoni hydrochloridum

Substance number: 054000

Version: 6 / CH

Date revised: 10.03.2020

Replaces Version: 5 / CH

Print date: 10.03.20

Protective gloves  
Appropriate Material

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

**Eye protection**

Not necessary.

**Body protection**

Protective clothing

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

<b>Form</b>	Crystalline powder		
<b>Colour</b>	white		
<b>Odour</b>	odourless		
<b>pH value</b>			
Value	4.5	to	6.5
Concentration/H <sub>2</sub> O	10	g/l	
Temperature	20	°C	
<b>Melting point</b>			
Value	233	to	236 °C
<b>Initial boiling point and boiling range</b>			
Remarks	not determined		
<b>Flash point</b>			
Remarks	Not applicable		
<b>Flammability (solid, gas)</b>			
Not ignitable			
<b>Vapour pressure</b>			
Remarks	Not applicable		
<b>Density</b>			
Remarks	not determined		
<b>Solubility in water</b>			
Value	120		g/l
Temperature	20	°C	
<b>Ignition temperature</b>			
Value	> 270		°C
<b>Explosive properties</b>			
evaluation	Dust		

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

The product is capable of dust explosions.

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

No decomposition if stored and applied as directed.

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

Trade name: Methadoni hydrochloridum

Substance number: 054000

Version: 6 / CH

Date revised: 10.03.2020

Replaces Version: 5 / CH

Print date: 10.03.20

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

No hazardous decomposition products known when handled according to prescribed instructions.

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

ATE	95	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

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

Species	mouse	
LD50	124	mg/kg

**methadone hydrochloride**

Species	rat	
LD50	95	mg/kg

**Skin corrosion/irritation**

evaluation	non-irritant
------------	--------------

**Serious eye damage/irritation**

evaluation	non-irritant
------------	--------------

**Sensitization**

Remarks	No sensitisation effect known.
---------	--------------------------------

**SECTION 12: Ecological information \*\*\*****12.1. Toxicity****Fish toxicity (Components)****methadone hydrochloride**

LC50	7.49	mg/l
------	------	------

**Daphnia toxicity (Components)****methadone hydrochloride**

Species	Daphnia	
EC50	0.68	mg/l

**Algae toxicity (Components)****methadone hydrochloride**

EC50	2.28	mg/l
------	------	------

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

evaluation	sparingly degradable
------------	----------------------

Trade name: Methadoni hydrochloridum

Substance number: 054000

Version: 6 / CH

Date revised: 10.03.2020

Replaces Version: 5 / CH

Print date: 10.03.20

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

Toxic for aquatic organisms. Do not allow it to reach ground water, water bodies or sewage system.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****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
Tunnel restriction code	E		
<b>14.1. UN number</b>	2811	2811	2811
<b>14.2. UN proper shipping name</b>	TOXIC SOLID, ORGANIC, N.O.S. (methadone hydrochloride)	TOXIC SOLID, ORGANIC, N.O.S. (methadone hydrochloride)	TOXIC SOLID, ORGANIC, N.O.S. (methadone 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 WGK 3

(Germany)

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.

Trade name: Methadoni hydrochloridum

Substance number: 054000

Version: 6 / CH

Date revised: 10.03.2020

Replaces Version: 5 / CH

Print date: 10.03.20

## **SECTION 16: Other information**

### **Hazard statements listed in Chapter 3**

H301	Toxic if swallowed.
H411	Toxic to aquatic life with long lasting effects.

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

Acute Tox. 3	Acute toxicity, Category 3
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2

### **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.