

Trade name: Morphini guttae 2%

Substance number: 055055

Version: 2 / CH

Date revised: 17.12.2018

Replaces Version: 1 / CH

Print date: 01.10.19

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

### **1.1. Product identifier**

Morphini guttae 2%

Item No. 05505500

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

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

Medicinal product

### **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 H332

Resp. Sens. 1 H334

Skin Sens. 1 H317

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**

H332

Harmful if inhaled.

H334

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317

May cause an allergic skin reaction.

##### **Precautionary statements**

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P284 [In case of inadequate ventilation] wear respiratory protection.  
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P342+P311 If experiencing respiratory symptoms: 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 Morphine hydrochloride

**SECTION 3: Composition/information on ingredients****Hazardous ingredients****Morphine hydrochloride**

CAS No. 6055-06-7

EINECS no. 200-136-2

Concentration &gt;= 1 &lt; 2.5 %

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

Acute Tox. 2	H330	Route of exposure: inhalative
Resp. Sens. 1	H334	Route of exposure: inhalative
Repr. 2	H361fd	
Acute Tox. 4	H302	
Skin Sens. 1	H317	

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

Remove the casualty into fresh air and keep him calm. Summon a doctor immediately.

**After skin contact**

Wash off immediately with soap and water and rinse well. Remove contaminated clothing. Consult a doctor if skin irritation persists.

**After eye contact**

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

**After ingestion**

Never give anything by mouth to an unconscious person. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Summon a doctor immediately.

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

Carbon dioxide, Dry chemical extinguisher, Water spray jet

**5.2. Special hazards arising from the substance or mixture**Development of toxic gases; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Nitrous gases (NO<sub>x</sub>); Sulfuroxides (SO<sub>x</sub>)**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Use personal protective clothing.

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

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

Keep away unprotected persons. Wear protective equipment

### **6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). 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**

Avoid inhaling dusts/ billows/ steams. Avoid skin and eye contact. For personal protection see Section 8. Observe the usual precautions for handling chemicals.

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

No special measures required.

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

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

No special requirements.

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

### **8.2. Exposure controls**

#### **Exposure controls**

Provide adequate ventilation.

#### **General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work.

#### **Respiratory protection**

Use breathing apparatus in dust/fumes/mist-laden atmosphere.

#### **Hand protection**

Protective gloves

#### **Eye protection**

Safety glasses

#### **Body protection**

Protective clothing

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Form</b>	liquid, clear
<b>Colour</b>	colourless to pale yellow
<b>Odour</b>	strong bitter
<b>Flash point</b>	
Value	°C
Remarks	Not applicable

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**Density**

Value appr. 1.007

**Decomposition temperature**

Remarks not determined

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

No dangerous reactions known.

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.5. Incompatible materials**

Strong oxidising agents

**10.6. Hazardous decomposition products**

None known

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

ATE	>	10'000	mg/kg
Method		calculated value (Regulation (EC) No. 1272/2008)	

**Acute inhalational toxicity**

ATE		24.0385	mg/l
Administration/Form		Vapors	
Method		calculated value (Regulation (EC) No. 1272/2008)	
ATE		2.4038	mg/l
Administration/Form		Dust/Mist	
Method		calculated value (Regulation (EC) No. 1272/2008)	

**Other information**

There is no data available on the product apart from the information given in this subsection.

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

Do not allow it to reach ground water, water bodies or sewage system. For this subsection there is no ecotoxicological data available on the product as such.

**12.2. Persistence and degradability****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**12.3. Bioaccumulative potential****General information**

For this subsection there is no ecotoxicological data available on the product as such.

**12.4. Mobility in soil**

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**General information**

For this subsection there is no ecotoxicological data available on the product as such.

**12.5. Results of PBT and vPvB assessment****General information**

For this subsection there is no ecotoxicological data available on the product as such.

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

For this subsection there is no ecotoxicological data available on the product as such.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code

No not dispose with rubbish.

EWC waste code




Should not be released into the sanitary sewer system.

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Disposal in compliance with local and national regulations.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	1544	1544	1544
14.2. UN proper shipping name	ALKALOIDS, SOLID, N.O.S. (Morphine hydrochloride)	ALKALOIDS, SOLID, N.O.S. (Morphine hydrochloride)	ALKALOIDS, SOLID, N.O.S. (Morphine hydrochloride)
14.3. Transport hazard class(es)	6.1	6.1	6.1
Label			
14.4. Packing group	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)**

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Water Hazard Class  
(Germany)  
Remarks

WGK 2

Classification according to Annex 4 VwVwS

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.

**CLP categories listed in Chapter 3**

Acute Tox. 2	Acute toxicity, Category 2
Acute Tox. 4	Acute toxicity, Category 4
Repr. 2	Reproductive toxicity, Category 2
Resp. Sens. 1	Respiratory sensitization, Category 1
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.