

Trade name: Opii extractum sicc 10% morphin

Substance number: 055810

Version: 1 / CH

Date revised: 01.05.13

Replaces Version: - / CH

Date of printing: 01.05.13

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

### **1.1. Product identifier**

Opii extractum sicc 10% morphin

Item-No. 05581000

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

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

Manufacture of pharmaceutical products

### **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. 3 H301

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

Classification T, R25

### **2.2. Label elements**

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

##### **Hazard pictograms**



##### **Signal word**

Danger

##### **Hazard statements**

H301 Toxic if swallowed.

##### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P261.1 Avoid breathing dust.

P272 Contaminated work clothing should not be allowed out of the workplace.

#### **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**

Toxic

**R phrases**

25 Toxic if swallowed.

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

contains Thebaine

**3. Composition/information on ingredients****Substance / product identification**

EINECS-Nr. 232-368-5

CAS-Nr. 8008-60-4

**Chemical characterization**

Pharmaceutical production

**Hazardous ingredients****Codeine**

CAS No. 76-57-3

EINECS no. 200-969-1

Concentration  $\geq$  1 < 10 %**Morphine**

CAS No. 57-27-2

EINECS no. 200-320-2

Concentration  $\geq$  10 < 25 %

Classification Xn, R22

**Thebaine**

CAS No. 115-37-7

EINECS no. 204-084-1

Concentration  $\geq$  1 < 10 %

Classification T, R25

**Other information**

Natural product with variable composition.

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

If you feel unwell, seek medical advice (show the label where possible).

**After inhalation**

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately. Irregular breathing/no breathing: artificial respiration.

**After skin contact**

Remove contaminated, soaked clothing immediately and dispose of safely. Wash off immediately with

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soap and water.

#### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

#### **After ingestion**

Summon a doctor immediately. If swallowed, rinse mouth with water (only if the person is conscious). Induce vomiting if patient is conscious, seek medical advice.

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

When inhaled or swallowed depending on the time and amount, it can give rise to the following symptoms: Irritating to respiratory system. Narcosis, Shortness of breath, if swallowed: Narcosis, Death, Contraction of pupils, Weak pulse, Nausea

### **4.3. Indication of any immediate medical attention and special treatment needed**

#### **Hints for the physician / treatment**

At potential poisoning medical treatment is absolute necessary. Symptomatic treatment and giving of Antidot. Naloxon (Narcanti) i.v. + s.c.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Water, Alcohol-resistant foam, Carbon dioxide, Dry powder

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

The product is combustible. In the event of fire the following can be released: Carbon dioxide (CO<sub>2</sub>); Nitrogen oxides (NO<sub>x</sub>); Forms explosive mixture with air are possible.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

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

#### **Other information**

Cool endangered containers with water spray jet. Suppress vapours with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## **6. Accidental release measures**

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

Avoid contact with skin, eyes and clothing. Wear protective equipment. Avoid dust formation. Avoid breathing dust. Ensure supply of fresh air. Keep away from sources of ignition - No smoking. Keep people away and stay on the upwind side.

### **6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

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

To pick up dry. Send in suitable containers for recovery or disposal. Rinse away rest with plenty of water. Avoid raising dust.

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

Refer to protective measures listed in sections 7 and 8.

## **7. Handling and storage**

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## 7.1. Precautions for safe handling

### Advice on safe handling

Avoid contact with skin, eyes and clothing. Transfer and handle only in enclosed systems. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid the formation and deposition of dust. Dust deposits that cannot be avoided must be taken up regularly. For personal protection see Section 8.

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

### Recommended storage temperature

Value	15	25	°C
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### Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place. Keep only in the original container. Storage rooms must be properly ventilated.

### Further information on storage conditions

Keep locked up and out of reach of children. Protect from light.

## 7.3. Specific end use(s)

Manufacture of pharmaceutical products

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### Morphine

Type	MAK	
Value	0.1	mg/m <sup>3</sup>
Maximum limit value: not available		

### 8.2. Exposure controls

#### Exposure controls

Avoid inhalation of dusts. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

#### Respiratory protection

Breathing apparatus in the event of aerosol.

#### Hand protection

necessary

Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Penetrating time	> 480 min

#### Eye protection

Safety glasses with side protection shield

#### Body protection

Clothing as usual in the chemical industry.

## 9. Physical and chemical properties

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

Form	Powder
Colour	dark brown to reddish brown
Odour	aromatic

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**Flash point**

Value	°C
Remarks	Not applicable

**Vapour pressure**

Remarks	Not applicable
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**Density**

Remarks	Not applicable
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**10. Stability and reactivity****10.1. Reactivity**

Reactions with strong alkalies and oxidising agents.

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

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

**10.4. Conditions to avoid**

Protect from exposure to air/oxygen. Protect from light and atmospheric moisture.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**Hazardous decomposition products: nitrous oxides (NO<sub>x</sub>), Carbon monoxide and carbon dioxide**11. Toxicological information****11.1. Information on toxicological effects****Experience in practice**

After Swallowing: nausea. vomiting. cyanosis. LD (Adult) = 2 - 3 g

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

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

**12.2. Persistence and degradability****Biodegradability**

Remarks	The product is biodegradable.
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**12.4. Mobility in soil****Mobility**

Immobile

**13. Disposal considerations****13.1. Waste treatment methods**

Disposal recommendations for the product

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EWC waste code 07 05 12 sludges from on-site effluent treatment other than those mentioned in 07 05 11

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

**14. Transport information****Land transport ADR/RID****14.1. UN number**

UN 3249

**14.2. UN proper shipping name**

MEDICINE, SOLID, TOXIC, N.O.S.

**14.3. Transport hazard class(es)**

Class 6.1

Label 6.1

**14.4. Packing group**

Packing group III

**14.6. Special precautions for user**

See Sections 6 to 8

**Marine transport IMDG/GGVSee****14.1. UN number**

UN 3249

**14.2. UN proper shipping name**

MEDICINE, SOLID, TOXIC, N.O.S.

**14.3. Transport hazard class(es)**

Class 6.1

**14.4. Packing group**

Packing group III

**14.5. Environmental hazards**

no

See Sections 6 to 8

**Air transport ICAO/IATA****14.1. UN number**

UN 3249

**14.2. UN proper shipping name**

MEDICINE, SOLID, TOXIC, N.O.S.

**14.3. Transport hazard class(es)**

Class 6.1

**14.4. Packing group**

Packing group III

**14.6. Special precautions for user**

See Sections 6 to 8

**15. Regulatory information****15.2. Chemical safety assessment**

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

**16. Other information****R-phrases listed in Chapter 3**

22 Harmful if swallowed.

25 Toxic 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.