



Trade name: Aesculinum

Substance number: 060536

Version: 1 / CH

Date revised: 17.02.12

Replaces Version: - / CH

Date of printing: 02.10.12

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

### **1.1. Product identifier**

Aesculinum

Item-No.

06053600

### **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**

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**

### **2.2. Label elements**

#### **Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product does not require a hazard warning label in accordance with EC Directives.

### **2.3. Other hazards**

No special hazards have to be mentioned.

## **3. Composition/information on ingredients**

#### **Substance / product identification**

CAS-Nr.

66778-17-4

EINECS-Nr.

208-517-5

## **4. First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

Remove contaminated clothing immediately and dispose of safely.

#### **After inhalation**

Ensure supply of fresh air. In case of respiratory arrest induce breathing with a respiratory device. Seek medical advice. Keep warm and at rest. Seek medical advice immediately. 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**



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Separate eyelids, wash the eyes thoroughly with water (15 min.).

**After ingestion**

Summon a doctor immediately.

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

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

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

In the event of fire the following can be released: 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.

**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 heading "Disposal". Ensure adequate ventilation.

**6.4. Reference to other sections**

Information regarding personal protective measures see, chapter 8.

**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).

**Advice on protection against fire and explosion**

Keep away from sources of ignition - refrain from smoking. Take precautionary measures against static charges. The product is combustible.

**7.2. Conditions for safe storage, including any incompatibilities****Recommended storage temperature**

Value 15 - 25 °C

**Requirements for storage rooms and vessels**

Keep only in the original container.

**Hints on storage assembly**

Do not store with acids. Do not store together with: Alkalies, Alkalies, Oxidizing agents

**Further information on storage conditions**

Keep container tightly closed. Keep container tightly closed, cool and dry. Protect from heat and direct sunlight.



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## **8. Exposure controls/personal protection**

### **8.2. Exposure controls**

#### **Exposure controls**

See chapter 7. No measures exceeding the ones mentioned are necessary.

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

Keep away from food-stuffs, beverages and feed-stocks. Wash hands and face before breaks and after work. Avoid contact with eyes and skin.

#### **Respiratory protection**

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 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**

Protective clothing

## **9. Physical and chemical properties**

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

#### **Form**

Powder

#### **Colour**

white

#### **Odour**

odourless

#### **pH**

Value

7

Temperature

20

°C

#### **Melting point**

Value

201

to

206

°C

#### **Boiling point**

Remarks

Not determined

#### **Flash point**

Remarks

Not applicable

#### **Flammability**

Flammable.

#### **Density**

Value

0.2

g/cm<sup>3</sup>

Temperature

20

°C

#### **Solubility in water**

Value

1.7

g/l

Temperature

20

°C

### **9.2. Other information**

#### **Other information**

The product is not dangerous for explosions.



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## **10. Stability and reactivity**

### **10.4. Conditions to avoid**

No decomposition if stored and applied as directed.

### **10.5. Incompatible materials**

No dangerous reactions known.

### **10.6. Hazardous decomposition products**

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

## **11. Toxicological information**

### **11.1. Information on toxicological effects**

#### **Skin corrosion/irritation**

Remarks No effect of irritation known.

#### **Serious eye damage/irritation**

Remarks No effect of irritation known

#### **Sensitization**

Remarks No sensitisation effect known.

## **12. Ecological information**

### **12.1. Toxicity**

#### **Fish toxicity**

Remarks No data available.

### **12.6. Other adverse effects**

#### **General information / ecology**

Product is slightly hazardous to water. Do not allow it to reach ground water, water bodies or sewage system.

## **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.
EWC waste code	07	Wastes from organic chemical processes
EWC waste code	07 05	wastes from the MFSU of pharmaceuticals
EWC waste code	07 05 08*	other still bottoms and reaction residues

#### **Disposal recommendations for packaging**

Disposal in compliance with local and national regulations.

## **14. Transport information**

### **Land transport ADR/RID**

Non-dangerous goods

### **Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.



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### **Air transport ICAO/IATA**

The product does not constitute a hazardous substance in air transport.

## **15. Regulatory information**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Water Hazard Class (Ger.)**

Water Hazard Class (Ger.) WGK 1

## **16. Other information**

### **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.