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

· **Informations to product No. 2002**

· **Product name:**

### **Acetylsalicylsäure cryst., API** Acidum acetylosalicylicum

· **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-0

Fax: 02103/32360

e-mail: info@caelo.de

· **Emergency telephone:**

Giftinformationszentrum Mainz

Langenbeckstr. 1, 55131 Mainz

Tel.: 06131/19240

· **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

· **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

## 2 Hazards identification

· **GHS-Labeling Elements:**



· **Signal word:** Warning

· **H - Phrases:**

H302 Harmful if swallowed

· **P- Phrases:**

P301 IF SWALLOWED:

P312 Call a POISON CENTER or doctor/physician if you feel unwell

## 3 Composition / information on ingredients


**CAS-No. Substance name**

50-78-2 Acetyl salicylic acid

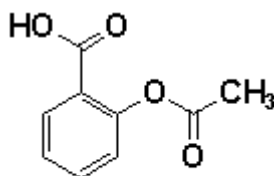
· **EINECS-No.:** 200-064-1

· **REACH Reg. No.:** 01-2119968705-24-0000

· **INCI-Name:** -

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· **Chemical characterization:**



#### 4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately.
- **after skin contact:** Wash away with plenty of water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

#### 5 Fire-fighting measures


- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible but not flammable. In case of fire dangerous gases / vapours can be released: Smoke gases.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

#### 6 Accidental release measures:

- **Personal protective measures:** Avoid dust formation and contact with substance.
- **Environmental protective measures:** Prevent from leaking into sewage water, ground water system or surface waters. Clean up floor with tenside containing water thoroughly.
- **Methods for cleaning:**  
Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

#### 7 Handling and storage

- **Handling:**
- **Advice on safe handling:** Ensure good ventilation/exhaustion at the workplace. Handling corresponding to laboratory safety guidelines.
- **Storage:**
- **Requirements for storage areas and containers:**  
Tightly closed. Store at a dry place. At room temperature ( +15°C to +25°C ).

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## 8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of rubber or latex.
- **Eye protection:** Safety glasses.

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white, crystalline
- **Odour:** nearly Odourless
- **Melting point / melting range:** 135 - 144 ° C
- **Decomposition temperature:** 140 ° C
- **Vapour pressure:** (25 °C) 0,0034 Pa
- **Density:** (20 °C) 1,35 g/cm<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** (25 °C) 4,6 g/l

## 10 Stability and reactivity


- **Hazardous decomposition products:** Carbon monoxide, carbon dioxide..
- **Additional information:** Sensible against moisture and alkaline substances. Hydrolyses partially at room temperature and in contact with air moisture.

## 11 Toxicological information

- **Acute toxicity:**
- LD/LD50-data relevant for hazard classification:**
- 50-78-2 Acetyl salicylic acid
- Oral: LD50: 1700 mg/kg (rat)
- Oral: LD50: 250 mg/kg (mouse)
- **Primary irritating effect:**
- **on respiratory ways:** After inhalation irritations in respiratory ways.
- **after swallowing:** (Big quantities) Vomiting, illness , gastrointestinal disorder, dizziness.
- **Sensitization:** Sensitization with allergic manifestations possible. ( Asthma, lungs ).

## 12 Ecological information

- **Aquatic toxicity:**
- EC50(Daphnia magna): 1290 mg/l/48h.
- LC50(Leuciscus idus): >1000 mg/l/48h (low Aquatic toxicity)
- **Information about elimination (persistence and degradability):** Readily biodegradable.
- **Log pOW:** 1,19
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

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### 13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste or organic laboratory chemicals.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

### 14 Transport informations

- **Land transport according to ADR:**  
Not classified as dangerous in the meaning of transport regulations.

### 15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**  
The product is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07
- **Signal word:** Warning
- **H - Phrases:**  
H302 Harmful if swallowed
- **P- Phrases:**  
P301 IF SWALLOWED:  
P312 Call a POISON CENTER or doctor/physician if you feel unwell
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

### 16 Other Information

- **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.