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

• **Informations to product No. 4052**

• **Product name:**

**Ethacridinlactat-Monohydrat, API**  
Aethacridinlactat, Ethacridini lactas monohydricus

• **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

## 2 Hazards identification

• **GHS-Labeling Elements:**



• **Signal word:** Warning

• **H-Phrases:**

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

• **P-Phrases:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P305 IF IN EYES:

P351 Rinse continuously with water for several minutes


## 3 Composition / information on ingredients

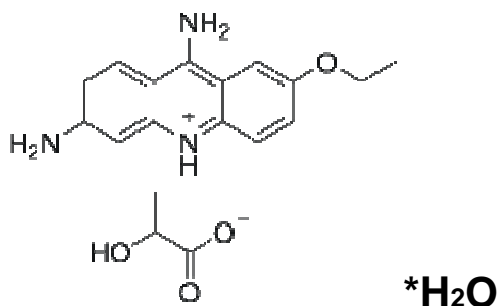
• **Chemical characterization:**

**CAS-No. Substance name**

6402-23-9 Ethacridine lactate monohydrate

• **Identification number(s) EINECS – No.:** 217-408-1

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#### 4 First aid measures

- **General advices:** Take off contaminated clothes immediately.
- **after inhalation:** Fresh air. If feeling unwell seek medical advice.
- **after skin contact:** Wash away with water and soap immediately and rinse off.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. If irritation continues, call in ophthalmologist.
- **after swallowing:** Seek medical advice immediately

#### 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. In case of fire dangerous vapours/gases can be generated: 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 entering into drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

#### 7 Handling and storage

- **Handling:** Avoid dust formation. If dust is generated provide exhaustion.
- **Informations to fire or explosion protection:** Take measures to prevent electrostatic charging. Dust explosion class (germany) ST I
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature ( +15°C to +25°C ).
- **Advices on common storage:** Not required.
- **Additional informations to storage conditions:** Keep container tightly closed.

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## 8 Exposure controls / personal protective equipment

- **General protective and hygiene measures:**

The usual precautions during handling of chemicals are to observe.

During work do not smoke, eat and drink. Wash hands after work and before breaks. Avoid contact with skin and eyes. Keep away from food, animal food and beverages. Do not inhale dust. Prevent from contact with skin because it colours the skin intensely yellow.

- **Personal protective equipment:**

- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of rubber.
- **Eye protection:** Safety glasses.

## 9 Physical and chemical properties

- **Form:** Crystalline powder
- **Colour:** yellow
- **Odour:** Odourless
- **Melting point / melting range:** 238 - 245 ° C
- **Decomposition temperature:** above 400 ° C
- **Spontaneous ignition:** > 200° C
- **Density:** at 20 ° C 0,457 g/cm<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water** at 20 ° C 145 - 150 g/l
- **pH-range:** 5 - 6

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Avoid strong heating.
- **Hazardous decomposition products:** none if used appropriately.

## 11 Toxicological information


- **Acute toxicity:**  
LD50 oral/rat: 2380 mg/kg  
LD50 dermal/Mouse: 120 mg/kg
- **Sensitization:** no sensitizing effect known.

## 12 Ecological information

- **General advices:**

Water hazard class (german regulation) 1 (Self classification): slightly hazardous for water  
Prevent from entering sewage water or drainage ditch undiluted or unneutralized.

## 13 Disposal considerations

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

## 14 Transport informations

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:**

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

- **P-Phrases:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P305 IF IN EYES:

P351 Rinse continuously with water for several minutes

- **Labelling according to EC-regulations:**

The product is classified and labelled according to EC-regulations (german GefStoffV) .

- **Signal character and hazard specification of the product:**

Xi irritant

- **R-Phrases:** 36/37/38

- **S-Phrases:** 26-36

- **National regulations (Germany):**

- **Water hazard class (german regulation):** WGK 1 slightly hazardous for water (Self classification)

## 16 Other Information

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