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

· **Informations to product No. 4274**

· **Product name:**

Chinolinolsulfat-Kaliumsulfat
Chinolonoli et kalii sulfas, 8-Hydroxychin.-Kal.sulfat

· **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:**

H302 Harmful if swallowed

H312 Harmful in contact with skin

H332 Harmful if inhaled

· **P-Phrases:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P305 IF IN EYES:

P351 Rinse continuously with water for several minutes

P313 Get medical advice/attention

Acute Tox. 4 (oral, dermal, inhal.)


3 Composition / information on ingredients

· **Chemical characterization:**

CAS-No. Substance name

15077-57-3 8-Hydroxyquinoline potassium sulphate

· **EINECS-No.:** 239-133-6

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- **REACH Reg. No.:** (pre-registered)
- **INCI-Name:** -

4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air, assure medical help immediately. Show product-label or this MSDS.
- **after skin contact:** Take off contaminated clothings, wash away with water and soap, seek medical advice immediately, even if no immediate symptoms are observed.
- **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. 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


- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

8 Exposure controls / personal protective equipment

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

9 Physical and chemical properties

- **Form:** solid

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- **Colour:** light yellow
- **Odour:** aromatic
- **Melting point / melting range:** 173 - 182 °C
- **Flash point:** not determined
- **Bulk density:** ca. 500 kg/m³
- **Solubility in / Miscibility with**
- **Water:** soluble
- **pH-range:** slightly acid

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Hazardous decomposition products:** Nitrogen oxides, Sulfur oxides.

11 Toxicological information

- **Acute toxicity:**
- LD/LD50-data relevant for hazard classification:**
 15077-57-3 8-Hydroxyquinoline potassium sulphate
 Oral: LD50: 550 mg/kg (mou)

12 Ecological information

- **Ecotoxicological effects:**
 Quantitative ecotoxicological data for this product are not available.
- **General notes:**
 Harmful for water organisms. Prevent from entering sewage water or drainage ditch undiluted or unneutralized. Danger for drinking water even if small quantities leak into the ground.
- **Water hazard class:** 2 (self classification): hazardous for water.

13 Disposal considerations


- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **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):**

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The product is classified and labelled according to GHS-regulations.

· **Hazard symbols:** GHS07

· **Signal word:** Warning

· **H-Phrases:**

H302 Harmful if swallowed

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· **P-Phrases:**

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P313 Get medical advice/attention

· **National regulations (Germany):**

· **Water hazard class:** see chapter 12

· **Storage class TRGS 510:** 11

16 Other Information

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

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