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

- Informations to product No. 5285
- Product name:

### **Methoxsalen, API** **8-Methoxypsoralen**

- 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  
H317 May cause an allergic skin reaction


- P-Phrases:

P281 Use personal protective equipment as required

**Acute Tox. 4**  
**Skin Sens. 1**

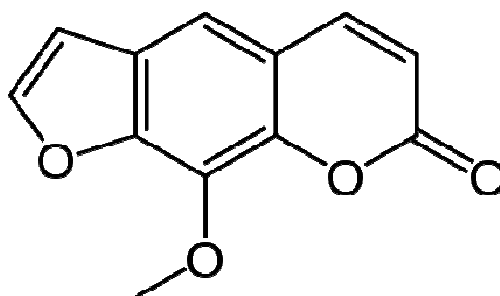
## 3 Composition / information on ingredients

CAS-No. Substance name:

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298-81-7 8-Methoxypsoralen

- **EINECS-No.:** 206-066-9
- **REACH Reg. No.:** (pre-registered)
- **INCI-Name:** -
- **Chemical characterization:**



#### 4 First aid measures

- **After inhalation:** Fresh air. If irritation of respiratory ways continues, seek medical advice.
- **After skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of water and soap.
- **After eye contact:** Rinse out with plenty of water with the eyelid wide open. Call in ophthalmologist.
- **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 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:**
- **Informations to fire or explosion protection:** No special requirements.
- **Storage:**

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- **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:** TRGS 514 "Storage of toxic and very toxic substances ..."
- **Additional informations to storage conditions:** Keep container tightly closed.

## 8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:**  
Wash hands before breaks and after work. Avoid inhalation of dust. Avoid contact with eyes and skin.
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of latex or rubber.
- **Eye protection:** Safety glasses

## 9 Physical and chemical properties


- **Form:** solid
- **Colour:** white – creme colour
- **Odour:** odourless
- **Melting point / melting range:** 143 – 148 °C
- **Boiling point / boiling range:** not determined.
- **Explosion hazard:** The product is not explosive, but explosive dust-air-mixtures can be formed.
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** nearly not soluble  
Readily soluble in chloroform
- **pH-range:** neutral

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Hazardous reactions:** Reactions with strong oxidants and acids.
- **Hazardous decomposition products:** In case of fire: Carbon monoxide und Carbon dioxide

## 11 Toxicological information

- **Acute toxicity:**
- LD/LD50-data relevant for hazard classification:**  
Oral, Rat: LD50: 791 mg/kg  
Oral, Mouse: LD50: 423 mg/kg
- **Primary irritant effect:** no irritant effect
- **Sub-acute / chronic toxicity:**  
RTECS: unlisted.  
Carcinogenity: 8-Methoxypsoralen  
ACGIH: A4 - Not Classifiable as a Human Carcinogen  
California: carcinogen (with ultraviolet A therapy); initial date 2/27  
NIOSH: potential occupational carcinogen

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## 12 Ecological information

- **Ecotoxical effects:**

Quantitative ecotoxicological data for this product are not available.

- **Water hazard class:** 1 (Self classification): slightly hazardous for water.

- **General advices:** Prevent from entering into environmental waters, waste water or soil!

## 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):**

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

- **Hazard symbols:** GHS07

- **Signal word:** Warning

- **H-Phrases:**

H302 Harmful if swallowed

H317 May cause an allergic skin reaction

- **P-Phrases:**

P281 Use personal protective equipment as required

- **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.