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

· **Informations to product No. 2280**

· **Product name:**

Iodoform plv.
Jodoformium

· **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

H312 Harmful in contact with skin

H315 Causes skin irritation

H319 Causes serious eye irritation

H332 Harmful if inhaled

H335 May cause respiratory irritation

· **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

Skin Irrit. 2

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Eye irrit. 2
STOT SE 3

3 Composition / information on ingredients

CAS-No. Substance name

75-47-8 Iodoform

- **EINECS-No.:** 200-874-5
- **REACH Reg. No.:** (pre-registered)
- **INCI-Name:** Iodoform
- **Chemical characterization:** Triiodomethane

4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately. Show product-label or this MSDS.
- **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 , seek medical advice, even if no immediate symptoms are observed.
- **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: Iodine vapour.
- **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:** No special requirements.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. Protect from light.

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8 Exposure controls / personal protective equipment

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

9 Physical and chemical properties


- **Form:** solid
- **Colour:** yellow
- **Odour:** Characteristic
- **Melting point / melting range:** 120 - 123 °C
- **Flash point:** not determined
- **Decomposition temperature:** >120 °C
- **Density:** (20 °C) 4,01 g/cm³
- **Bulk density:** ca. 950 kg/m³
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 100 mg/l

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Strong heating.
- **Materials to avoid:** Metal powders, water, halogens
- **Hazardous decomposition products:** Iodine.

11 Toxicological information

- **Acute toxicity:**
- **RTECS#:** CAS# 75-47-8: PB7000000
- **LD50/LC50:** RTECS:
CAS# 75-47-8: Inhalation, rat: LC50 = 165 ppm/7H;
Inhalation, rat: LC50 = 183 ppm/7H;
Oral, Mouse: LD50 = 470 mg/kg;
Oral, Rabbit: LD50 = 450 mg/kg;
LD50 = 355 mg/kg;
Skin, rat: LD50 = 1184 mg/kg;
- **Carcinogenität:** Iodoform - Von ACGIH, IARC, NTP, or CA Prop 65 not classified as carcinogene.
- **Andere:** The toxicological properties are not yet completely researched. See actual entry in RTECS for complete information.
- **Primary irritant effect:**
- **on skin:** Local irritations.
- **on eyes:** Irritations.
- **on respiratory organs:** irritations of respiratory organs.
- **after swallowing:** irritations in mouth, throat, esophagus and gastrointestinal tract. Systemic effects: headache, fatigue, vertigo excitation, Cramps, narcosis. paralysis, Drop in blood pressure, Asthma.

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After resorption of big quantities: Collapse.

• **Sensitization:** decomposition products: Sensitization with allergic manifestations at sensible persons.

12 Ecological information

• **Ecotoxicological data:**

LC50 Fish: 2,92 mg/l/96h

LC50 Daphnia magna: 0,1 mg/l/24h

• **Log pOW:** 3,83

• **Water hazard class:** 2 (self classification): hazardous for water.

• **General advices:** Prevent from entering into drains, surface water and ground water, even in small quantities.

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

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• **National regulations (Germany):**

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

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• **Storage class TRGS 510:** 13

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.