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

· **Informations to product No. 5590**

· **Product name:**

Thalidomid

· **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.

3 Hazards identification

· **GHS-Labeling Elements:**



· **Signal word:** Danger

· **H-Phrases:**

H301 Toxic if swallowed

H312 Harmful in contact with skin

H341 Suspected of causing genetic defects

H360 May damage fertility or the unborn child

· **P-Phrases:**

P201 Obtain special instructions before use


P202 Do not handle until all safety precautions have been read and understood

P264 Wash thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P309 IF exposed or you feel unwell:

P310 Immediately call a POISON CENTER or doctor/physician

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2 Composition / information on ingredients

• Chemical characterization:

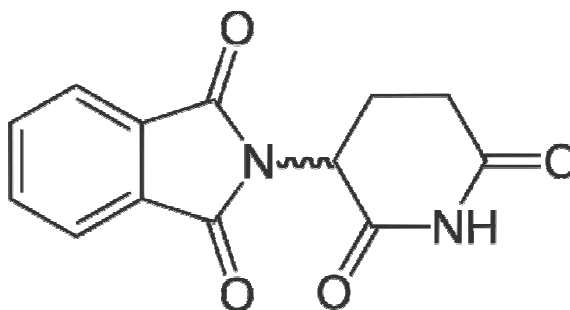
CAS-No. Substance name

50-35-1 Thalidomid

• EINECS-No.: 200-031-1

• REACH Reg. No.: (pre-registered)

• INCI-Name: -



4 First aid measures


- **after inhalation:** Fresh air or oxygen, assure medical help immediately.
- **after skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of water and soap, seek medical advice immediately.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open, seek medical advice.
- **after swallowing:** Drink plenty of water. Induce vomiting. 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 substance contact and dust formation.
- **Environmental protective measures:** Prevent from entering into surface water, the ground water system or soil.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

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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 cool and dry. Good ventilation. Protect from light.

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
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 272 - 278 °C
- **Flash point:** not determined
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** not readily soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Avoid strong heating.
- **Hazardous decomposition products:** None.
- **Additional information:** Keep away from strong oxidants.

11 Toxicological information

- **Acute toxicity:**
- LD/LD50-data relevant for hazard classification:**
- LD50 Oral - rat - 113 mg/kg
- LD50 Oral - mouse - 2000 mg/kg
- LD50 Dermal - mouse - 1550 mg/kg
- **Primary irritant effect:**
- On skin:** Irritations of skin and mucous membranes
- In Eyes:** Irritations.
- **Sensitization:** No sensitizing effect known.

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12 Ecological information

- **Ecotoxical effects:**

Quantitative ecotoxicological data are not available.

- **General advices:** 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 the local regulations as pharmaceutical waste.

- **Empty contaminated packaging:**

- **Recommendation:** Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR:**

- **Proper shipping name:** Toxic solids, organic, n.o.s., Thalidomid

- **Class:** 6.1

- **UN-number:** 2811

- **Packing group:** III

- **Classification code:** T2

- **Limited quantities (Table 3.4.6. ADR):** 5 kg

- **Hazard classification number:** 60

- **Special provisions (Chapter 3.3 ADR):** -

- **Additional informations for sea transport IMDG:**

- **EMS-No.:** F-A, S-A

- **Properties:** -

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:** GHS06, GHS08

- **Signal word:** Danger

H301 Toxic if swallowed

H312 Harmful in contact with skin

H341 Suspected of causing genetic defects

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- **P-Phrases:**

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- **National regulations (Germany):**

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- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 6.1C

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.