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| <p>Page 1 of 4</p> <p>Print Date 22.11.2018</p> | <p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Clindamycinhydrochlorid, API (mikrobielle Herkunft)</p> |  <p>Revision Date 22.11.2018</p> |
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1 Identification of the substance/mixture and of the company/undertaking

- Informations to product No. 5186
- Product name:

Clindamycinhydrochlorid, API (mikrobielle Herkunft)

Clindamycini hydrochloridum
Clindamycine hydrochloride

- 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
H319 Causes serious eye irritation

- P-Phrases:

P301 IF SWALLOWED:
P310 Immediately call a POISON CENTER or doctor/physician
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305 IF IN EYES:
P351 Rinse continuously with water for several minutes

Acute Tox.: 4

Eye Irrit.: 2

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3 Composition / information on ingredients

CAS-No. Substance name

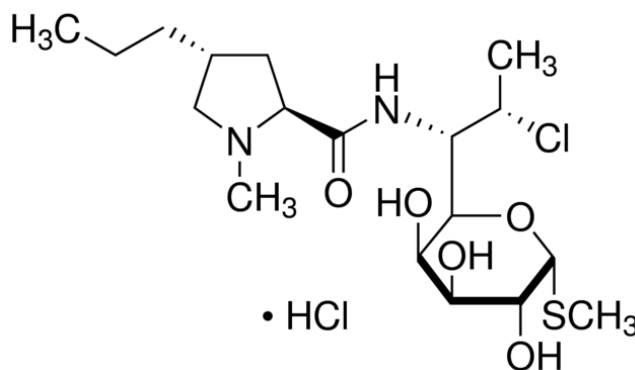
21462-39-5 Clindamycine hydrochloride

• **EINECS-No.:** 244-398-6

• **REACH Reg. No.:** 01-2120077696-40-0000

• **INCI-Name:** -

• **Chemical characterization:**



4 First aid measures


- **after inhalation:** Fresh air or oxygen. Seek medical advice.
- **after skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of water and soap. If irritation continues seek medical advice immediately.
- **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. 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.

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7 Handling and storage

- **Handling:**
- **Informations to fire or explosion protection:** No special requirements.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).
- **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
- **Odour:** nearly odourless
- **Melting point / melting range:** not determined.
- **Boiling point / boiling range:** not determined.
- **Explosion hazard:** The product is not explosive.
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** (20 °C) ca. 50 g/l.
- **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: Smoke gases.

11 Toxicological information

- **Acute toxicity:**
LD/LD50-data relevant for hazard classification:
Oral, Rat: LD50 = 2193 mg/kg
i.m., Rat: LD50 = 273 mg/kg
i.p., Rat: LD50 = 745 mg/kg
s.c., Rat: LD50 = 2618 mg/kg
- **Primary irritating effect:** No data available.
- **Sub-acute / chronic toxicity:** Not cancerogene.

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12 Ecological information

- **Information about elimination (persistence and degradability):**

Quantitative ecotoxicological data are not available.

- **Log pOW:** 1,015 (20 °C)

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

- **Additional information:** 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

H319 Causes serious eye irritation

- **P-Phrases:**

P301 IF SWALLOWED:

P310 Immediately call a POISON CENTER or doctor/physician

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

P305 IF IN EYES:

P351 Rinse continuously with water for several minutes

- **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.