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

· Informations to product No. 2181
· Product name:

Chloramphenicol, API
Chloramphenicolum

· 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-Labelling Elements:

· Signal word: Danger
· H-Phrases:
H350 May cause cancer
· P-Phrases:
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P281 Use personal protective equipment as required
Carc. 1A

3 Composition / information on ingredients

· Chemical characterization:
CAS-No. Substance name
56-75-7 Chloramphenicol
· EINECS-No.: 200-287-4
· REACH Reg. No.: 01-2120774093-54-0000
· INCI-Name: -
4 First aid measures

- **after inhalation:** Fresh air. If feeling unwell seek medical advice.
- **after skin contact:** Wash away with plenty of water. Remove contaminated clothing.
- **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 but not flammable. In case of fire dangerous gases / vapours can be released: Hydrogen chloride.
- **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. Protect from light. Store at a dry place. At room temperature ( +15°C to +25°C ).

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Dust protection mask.
· **Hand protection:** Protection gloves of rubber or latex  
· **Eye protection:** Safety glasses

### 9 Physical and chemical properties

- **Form:** solid  
- **Colour:** white  
- **Odour:** odourless  
- **Melting point / melting range:** 149 – 153 °C  
- **Boiling point / boiling range:** not determined  
- **Flammability (solid, vapours):** The product is not flammable.  
- **Density:** not determined

Bulk density: ca. 700 kg/cbm.

### 10 Stability and reactivity

- **Thermical decomposition / conditions to avoid:** No decomposition during appropriate use.  
- **Hazardous reactions:** No hazardous reactions known.  
- **Hazardous decomposition products:** none

### 11 Toxicological information

**LD50/LC50:** Chloramphenicol - California: carcinogen, initial date 10/1/89 NTP: Possible Carcinogene IARC: carcinogene of group 2  
**Karzinogenität:** See actual entry in RTECS for complete information. The toxicological properties are not yet completely researched. Mutagenity: Ames-Test negativ.

### 12 Ecological information

- **Aquatic toxicity:** Baktericide effect  
- **General advices:** Prevent from leaking into ground water, environment waters or drainage. Danger for drinking water if even 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):**
  The product is classified and labelled according to GHS-regulations.
  - **Hazard symbols:** GHS08
  - **Signal word:** Danger
  - **H-Phrases:**
    H350 May cause cancer
  - **P-Phrases:**
    P201 Obtain special instructions before use
    P202 Do not handle until all safety precautions have been read and understood
    P281 Use personal protective equipment as required
  - **National regulations (Germany):**
  - **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.