


Page 1 of 4 Print Date 27.11.2018	Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Chloramphenicol, API	 Revision Date 27.11.2018
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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-Labeling 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

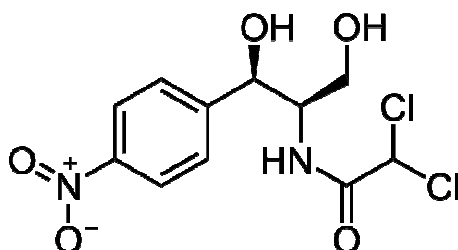
56-75-7 Chloramphenicol

· EINECS-No.: 200-287-4

· REACH Reg. No.: 01-2120774093-54-0000

· INCI-Name: -

<p>Page 2 of 4</p> <p>Print Date 27.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Chloramphenicol, API</p>	 <p>Revision Date 27.11.2018</p>
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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.

<p>Page 3 of 4</p> <p>Print Date 27.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Chloramphenicol, API</p>	 <p>Revision Date 27.11.2018</p>
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- **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.
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 2,5 g/l
- **pH-range:** (10 g/l, 20 °C) 5 - 7

10 Stability and reactivity

- **Thermal 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.

<p>Page 4 of 4</p> <p>Print Date 27.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Chloramphenicol, API</p>	 <p>Revision Date 27.11.2018</p>
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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.