

Safety Data Sheet



Date: 07.03.01

Date of printing: 08.03.01

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1. Name of substance/preparation and company

- 1.1 Commercial product: **Chloramphenicol**
Cat.-No.: 634433
- 1.2 Company: Roche Diagnostics GmbH
Sandhoferstr. 116
D-68305 Mannheim
Tel. ++49-621-7590
Information obtainable from: ++49-621-759-2763 or ++49-621-759-4848
- 1.3 In Emergencies: Central Works Security Roche Diagnostics GmbH ++49-621-759-2211
Centre for Detoxification: Mainz ++49-6131-232466-232467
München ++49-89-19240

2. Composition/Information on constituents

- CAS-No.: 0000056-75-7
Molecular formula: C₁₁ H₁₂ Cl₂ N₂ O₅
Molecular weight: 323,1
Notes: Is to be classified according to EEC directive 67/548 and 88/379 as hazardous.
Classification: Harmful

3. Hazards identification

- Warnings: 40 Possible risks of irreversible effects
- Notes: Substance slightly hazardous to water and ground water

4. First aid measures

- First aid: Eye contact: Wash eyes with water for at least 15 minutes.
Skin contact: Wash off with water.
Ingestion: Seek medical advice.
Inhalation: Remove victim to fresh air, if malaise develops go to a physician.
- Instructions for physician: Grey-syndrom therapy. Measures to support circulation, possibly exchange transfusion. Symptoms of the Jarisch-Herxheimer reaction are fever, chills and a general feeling of illness; shock therapy should be given. Treatment by a haematology specialist is indicated in the event of bone marrow damage, e.g. as a result of pronounced disturbances of the haematopoietic system. Treat neurotoxic reactions (retrobulbar neuritis, etc) with high doses of vitamin B6 and B12.

5. Fire-fighting measures

- Extinguishing media: No restriction
- Thermal decomposition: Toxic/ caustic gases are formed in fire and when exposed to heat.

6. Accidental release measures

- After spillage: Sweep up spilled substance in dry condition, avoiding dust formation.
- Absorbent material: No restriction.
- Damage limitation: Special measures to limit damage are not necessary.

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7. Handling and storage

- 7.1 Handling: Combustible substance.
Open and handle vessels carefully.
- 7.2 Storage: Store in tightly closed containers and protect from light.
- Do not store with: No restriction

8. Exposure controls/personal protection

- TLV: undefined
- Respiratory protection: Filter against harmful dust in case of contact with the substance
- Eye protection: prot.glasses
- Hand protection: protective gloves
- Hygiene: Wash hands before breaks and at the end of the work.

9. Physical and chemical properties

- Physical state: solid
- Colour: yellowish
- Odour: odourless
- pH: no data available
- Boiling point: no data available
- Melting point: 153 C
- Flash point: cannot be determined
- Substance does not have any oxidizing properties
- Ignition temperature: no data available
- Explosion limits: lower: 500 g/m³ upper:
- Vapour pressure: cannot be determined
- Density: no data available
- Solubility in water: 2,5 g/l (at 25 C)
- in: (G/L)
- Viscosity: cannot be determined

10. Stability and reactivity

- Hazardous
- Reactions: None known when used appropriately.
- Hazardous decomposition products: Hydrochloric acid, nitric oxides, phosgen

11. Toxicological information

- LD50 oral 2500 mg/kg (rat)
- LD50 oral 2300 mg/kg (mouse)
- LD50 skin not known
- LD50 inhal not known
- LD50 (intravenous, rat) 171 mg/kg
- Toxicologic information: Can cause gastrointestinal disturbance and blood dyscrasias.
After long latency-time (1 - 6 month) arising of an aplastic anemia is possible.

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12. Ecological information

Hazards: Substance slightly hazardous to water and ground water

Environmental data: Substance slightly hazardous to water.

13. Disposal considerations

Waste disposal route: Can be sent to an incineration plant in accordance with local regulations (Emission of air pollutants).

Disposal of emptied packs: Dispose of empty packs via local recycling or waste disposal routes - if necessary, clean them beforehand.

14. Transport information

RID/ADR:

ICAO/IATA:

IMDG-Code:

Proper Shipping Name:

Notes:

UN-No.:

MFAG:

EMS:

Is not subject to current regulations for transportation of hazardous goods (GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO).

15. Regulatory

Notes: This product must be labeled in accordance with EEC directive 67/548 and 88/379.

Hazard symbol: Xn

Warnings: see section 3.

Precautions: 22 Do not breathe dust
24/25 Avoid contact with skin and eyes

16. Other information

The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed. Special permission has been granted in accordance with EU Directive 88/379, Article 9, which permit small packages of up to 125 ml or g containing materials that are harmful to health or irritant to be unlabelled with the hazard identification information given in the safety data sheet.