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

· **Informations to product No. 5419**

· **Product name:**

Neomycinsulfat, API (mikrobielle Herkunft)
Neomycini sulfas

· **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.

2 Hazards identification

· **GHS-Labeling Elements:**



· **Signal word:** Danger

· **H-Phrases:**

H317 May cause an allergic skin reaction

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

· **P-Phrases:**


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

P342 If experiencing respiratory symptoms

P313 Get medical advice/attention

Skin Sens. 1

Resp. Sens. 1

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3 Composition / information on ingredients

CAS-No. Substance name

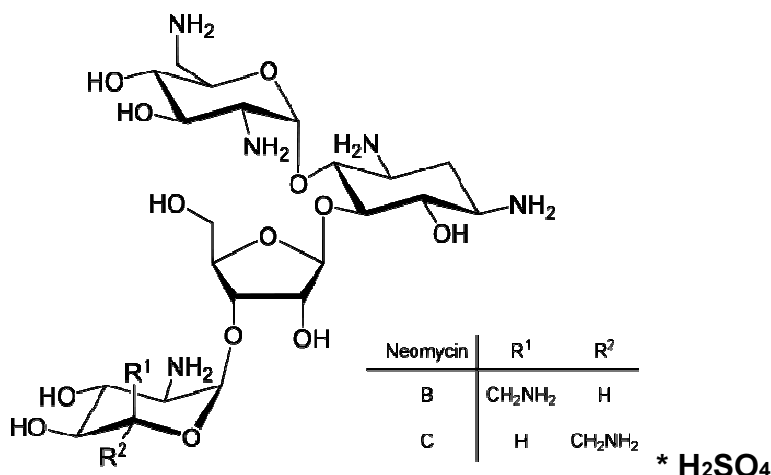
1405-10-3 Neomycinsulfat

• **EINECS-No.:** 215-773-1

• **REACH Reg. No.:** (pre-registered)

• **INCI-Name:** -

• **Chemical characterization:**




4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air. If irritations continue, seek medical advice.
- **after skin contact:** Wash away with water and soap immediately and rinse off.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Seek medical advice.
- **Medical advice:** After resorption (per os) or after external application nephrotoxic or neurotoxic effects are possible (including ototoxicity). Neuromuscular blocking or respiratory paralysis possible, especially if the patient was treated with anesthetics, neuromuscular blockers or massive citrate blood transfusions.

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: 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.

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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:** Avoid dust formation, Avoid inhalation of dust.
- **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 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:**
Take off contaminated clothes immediately.
Wash hands before breaks and after work.
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:** light yellow
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Explosion hazard:** Dust explosion hazard.
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 500 g/l
- **pH-range:** (5% solution, 20°C) 5, 0 - 7,5

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Hazardous decomposition products:** none

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11 Toxicological information

- **Acute toxicity:**

LD50 (oral,Rat): > 4325 mg/kg

LD50 (i.v.,Mouse): 17,4-150 mg/kg

- **Primary irritating effect:**

- **on skin:** Irritant effect

- **on eyes:** Irritant effect

- **Sensitization:** Sensitization by inhalation or skin contact possible.

- **Sub-acute / chronic toxicity:** Nephrotoxic after swallowing.

12 Ecological information

- **Ecotoxicological effects:**

Quantitative ecotoxicological data for this product are not available.

- **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:** GHS07, GHS08

- **Signal word:** Danger

- **H-Phrases:**

H317 May cause an allergic skin reaction

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

- **P-Phrases:**

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


P342 If experiencing respiratory symptoms

P313 Get medical advice/attention

- **National regulations (Germany):**

- **Water hazard class:** see chapter 12

- **Storage class TRGS 510:** 6.1C

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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.