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

· **Informations to product No. 2480**

· **Product name:**

Natriumsulfit, wasserfrei
Natrii sulfis anhydricus Na sulfurosum anhy
Sodium sulfite anhydrous

· **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

· **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

· **Chemical characterization:**

CAS-No. Substance name:

7757-83-7 Sodium sulfite

· **EINECS-No.:** 231-821-4

· **REACH Reg. No.:** 01-2119537420-49-0000

· **INCI-Name:** Sodium Sulfite


4 First aid measures

· **after inhalation:** Fresh air. If feeling unwell continuously seek medical advice.

· **after skin contact:** Wash away with plenty of water.

· **after eye contact:** Rinse out with plenty of water with the eyelid wide open.

· **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

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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:** Not combustible. In case of fire hazardous gases can be released: Sulphur oxides.
- **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.
- **Advice on safe handling:** No special measures required.
- **Informations to fire or explosion protection:** No special measures required.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).
- **Advices on common storage:** Not required.
- **Additional informations to storage conditions:** none

8 Exposure controls / personal protective equipment


Components with limit values that require monitoring at the workplace:

keine

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

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** > 500 °C (decomposition)
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Density:** 2,63 g/cm³

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- **Bulk density:** 1,480 kg/cbm
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 220 g/l
- **pH-range:** (20 °C, 50 g/l) 8,8 - 10

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Materials to avoid:** Strong acids, oxidant
- **Hazardous reactions:** Reaction with acids releases sulphur dioxide.
- **Hazardous decomposition products:** Sulphur oxides.

11 Toxicological information

- **Acute toxicity:**
LD50 (rat, oral): 2610 mg/kg
LD50 (rat, inhal): > 5,5 mg/l/4h
- **Primary irritant effect:**
On skin: Not irritant
On eyes: Not irritant
- **Sensitization:** Not sensitizing
- **Gentoxicity in vitro:** negative

12 Ecological information

- **Aquatic toxicity:**
Fishes: Leuciscus idus LC50 315 mg/l/96h
Bacteria: Pseudomonas putida EC10 260 mg/l/17h
- **log p(O/W):** (25 °C) -4
- **Water hazard class:** 1 (VwVwS): slightly 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**

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Labelling of Chemicals):

The product does not need to be labelled according to GHS-regulations.

- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 13

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.