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

· **Informations to product No. 4424**

· **Product name:**

Naphazolinhydrochlorid, API Naphazolini hydrochloridum

· **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:**

H300 Fatal if swallowed.

· **P-Phrases:**

P281 Use personal protective equipment as required.

P301 IF SWALLOWED:

P310 Immediately call a POISON CENTER or doctor/physician

Acute Tox. 2

3 Composition / information on ingredients

CAS-No. Substance name:


550-99-2 Naphazolinhydrochlorid

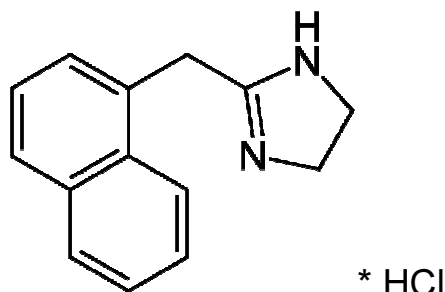
· **EINECS-No.:** 208-989-2

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

· **INCI-Name:** -

· **Chemical characterization:**

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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.

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 hazardous vapours/gases 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.

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. 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

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chemicals are to observe.

- **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:** white
- **Odour:** odourless
- **Melting point / melting range:** 255 - 258 °C Decomposition
- **Boiling point / boiling range:** not determined
- **Density:** Bulk density: ca. 450 kg/m³
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 170 g/l
- **pH-range:** (10 g/l, 20 °C) 5,0 - 6,6

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


- **Acute toxicity:**
LD50 (mouse, i.v.) 13,2 mg/kg
LD50 (mouse, oral) 265 mg/kg
LD50 (rat, oral) 1260 mg/kg
- **Primary irritant effect:**
- **on eyes:** Irritations.
- **after swallowing:** Illness und Vomiting.
- **Other information (experimatal toxicology):** Systemic effects: Tachycardia, Respiratory insufficiency, Cyanosis, cardiovascular failure

12 Ecological information

- **Ecotoxicological effects:**
Quantitative ecotoxicological data for this product are not available.
Prevent from entering into environmental waters, waste water or soil.
- **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:**

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- **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:** GHS06
- **Signal word:** Danger
- **H-Phrases:**
H300 Fatal if swallowed.
- **P-Phrases:**
P281 Use personal protective equipment as required.
P301 IF SWALLOWED:
P310 Immediately call a POISON CENTER or doctor/physician
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 6.1A

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.