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

· **Informations to product No. 2209**

· **Product name:**

Dequaliniumchlorid, API
Dequalinii chloridum

· **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:** Warning

· **H-Phrases:**

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

· **P-Phrases:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray


P281 Use personal protective equipment as required

P285 In case of inadequate ventilation wear respiratory protection

Skin Irrit. 2

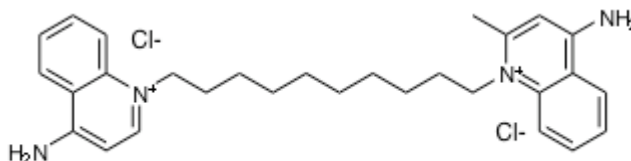
Eye Irrit. 2

STOT SE 3

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3 Composition / information on ingredients

• **Chemical characterization:**



CAS-No. Substance name

522-51-0 Dequalinium chloride

• **EINECS-No.:** 208-330-9

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

• **INCI-Name:** -

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 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.

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:**
- **Advice on safe handling:** Wear respiratory protection. If dusts are generated good ventilation/exhaustion of working place required. Avoid generating dusts.

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- **Informations to fire or explosion protection:** Take measures to prevent electrostatic charging. Dust can form explosive mixtures with air.
- **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:** Do not store together with strong oxidants
- **Additional informations to storage conditions:**
Keep container tightly closed, store at a good ventilated place.

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:**
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:** powder
- **Colour:** faint yellow
- **Odour:** odourless
- **Melting point / melting range:** > 315 °C Decomposition
- **Density:** (20 °C) g/cm³
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 5 g/l
- **pH-value:** ca. 3-4

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.
- **Materials to avoid:** Strong acids, bases and oxidants.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** After heating above decomposition point toxic vapours can be generated.

11 Toxicological information

- **Acute toxicity:** Quantitative toxicological data for this product are not available.
- **Primary irritant effect:**
On skin: irritant
In Eyes: irritant
Respiratory organs: Irritations of respiratory ways possible.

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12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Additional information:** Quantitative ecotoxicological data for this product are not available.
- **Water hazard class:** 1 (self classification): 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 Labelling of Chemicals):**
The product is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07
- **Signal word:** Warning
- **H-Phrases:**
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
- **P-Phrases:**
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P281 Use personal protective equipment as required
P285 In case of inadequate ventilation wear respiratory protection
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

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.