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

- Informations to product No. 3238
- Product name:

Ammoniumbituminosulfonat Ammonium bituminosulfonicum, Ichthammolum

- **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:**


H319 Causes serious eye irritation
 H412 Harmful for water organisms with long lasting effect.

- **P-Phrases:**

P280 Wear protective gloves/protective clothing/eye protection/face protection
 P273 Avoid release to the environment
 P305 IF IN EYES:
 P351 Rinse continuously with water for several minutes

Eye Irrit. 2

Aquatic Chronic 3

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3 Composition / information on ingredients

· **Chemical characterization:**

Mixture of ammonium salts of several sulfonic acids, 50-55% in water. The product is prepared by distillation from specific bitumen containing slates sulfonation and neutralization with ammonia.

CAS-No. Substance name

8029-68-3 Ichthammol

- **EINECS-No.:** 232-439-0
- **REACH Reg. No.:** 01-2120769112-59-0000
- **INCI-Name:** Sodium Shale Oil Sulfonate

4 First aid measures

- **after inhalation:** Not relevant.
- **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 contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust. 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.
- **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

Components with limit values that require monitoring at the workplace:

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The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of 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:** highly viscous liquid
- **Colour:** black - brown
- **Odour:** faint odour of bitumen
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Density:** 1,15 g/cm³
- **Solubility in / Miscibility with**
- **Water:** completely miscible
- **pH-range:** 6,0 – 7,5

10 Stability and reactivity


- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Materials to avoid:** Strong oxidants, bases und acids.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none.

11 Toxicological information

- **Acute toxicity:**
Quantitative toxicological data for this product are not available. Therapeutically used substance.
- **Primary irritant effect:**
- **on skin:** after enduring exposure: Irritant and contractant (Therapeutically used effect)
- **on eyes:** Irritant

12 Ecological information

- **Aquatic toxicity:**
Quantitative data about ecological effects of this product are not available.
Harmful effects on environment are likely if used or deposited inappropriately
Prevent from leaking into ground water, environment waters or drainage.
- **Water hazard class:** 2 (self classification): hazardous for water.

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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:**
H319 Causes serious eye irritation
H412 Harmful for water organisms with long lasting effect.
- **P-Phrases:**
P280 Wear protective gloves/protective clothing/eye protection/face protection
P273 Avoid release to the environment
P305 IF IN EYES:
P351 Rinse continuously with water for several minutes
- **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.