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

- Informations to product No. 3471
- Product name: Natriumlaurylethersulfat-Lösung 27%
  (unkonserviert) TEXAPON ® NSO UP
  Sodium lauryl ether sulfate solution 27%
- 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-Labelling Elements:

- Signal word: Danger
- H-Phrases:
  H315 Causes skin irritation
  H318 Causes serious eye damage
- P-Phrases:
  P280 Wear protective gloves/protective clothing/eye protection/face protection
  P305 IF IN EYES:
  P351 Rinse continuously with water for several minutes

Skin Irrit. 2
Eye Dam. 1
3 Composition / information on ingredients

- Chemical characterization
- Description:
Solution of sodium laurylether sulfate in water.
**CAS-No. Substance name**
68891-38-3 Sodium laurylether sulfate (Eye Dam. 1, GHS 05, H315, H318) 26,5 – 27,5%
- EINECS-No.: 500-234-8
- REACH Reg. No.: 01-2119488639-0000
- INCI-Name: Sodium Laureth Sulfate

**CAS-No. Substance name**
7732-18-5 Water (72,5 – 73,5%)
- EINECS-No.: 231-791-2
- REACH Reg. No.: Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.
- INCI-Name: Aqua

4 First aid measures

- after inhalation: Not relevant
- after skin contact: Take off contaminated clothes and shoes, wash immediately with plenty of water and soap.
- after eye contact: Rinse out with plenty of water with the eyelid wide open. If irritation continues, call in ophthalmologist..
- after swallowing: Rinse mouth. Drink plenty of water. 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: Not combustible. In case of fire dangerous vapours/gases can be generated: 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.
7 Handling and storage

- **Handling:** Keep away from open fire.
- **Storage:**
  - **Requirements for storage areas and containers:** Keep container tightly closed. Protect from frost. At room temperature (+15°C to +25°C).

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
  - **Respiratory protection:** Not required.
  - **Hand protection:** Protection gloves of rubber
  - **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless
- **Odour:** odourless
- **Melting point / melting range:** Floatpoint > 0 °C (DIN ISO 3016-94)
- **Flash point:** not applicable
- **Density:** 0.9 - 1.1 g/cm³
- **Solubility in / Miscibility with**
  - **Water:** unlimited miscible.
  - **pH-value:** 6.4 - 7.5
  - **Viscosity:** (dynamic) < 200 mPas

10 Stability and reactivity

- **Thermical decomposition / conditions to avoid:** Avoid strong heating.
- **Materials to avoid:** Strong oxidants.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none.

11 Toxicological information

- **Acute toxicity:** Low acute toxicity. LD50 > 2000 mg/kg (OECD 401)
- **Primary irritant effect:**
  - **on skin:** Irritations. (OECD 404)
  - **on eyes:** Irritations. (OECD 405)
- **Additional information:** not mutagene (OECD 471)

12 Ecological information

- **Information about elimination (persistence and degradability):**
Readily biodegradable: All single organic ingredients reach in tests on biodegradability (OECD A-F) values of at least 60% BSB/CSB or 70% DOC-reduction (Limit for the classification as "readily degradable": >= 70% DOC-reduction or >= 60% BSB/CSB in 28 days). The surfactants contained in the product are according to the requirements of the german Tensidverordnung (TensV) from 04.06.1986 at least 90% biodegradable.

- **Aquatic toxicity:**
  - Acute Fish toxicity: LC50 > 10-100 mg/l (ISO 7346/2 semistatic)
  - Acute Bacteria toxicity: EC50 > 100 mg/l (OECD 209)
- **Water hazard class:** 2 (VwVwS): 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:** GHS05
  - **Signal word:** Danger
  - **H-Phrases:**
    - H315 Causes skin irritation
    - H318 Causes serious eye damage
  - **P-Phrases:**
    - P280 Wear protective gloves/protective clothing/eye protection/face protection
    - P305 IF IN EYES: Rinse continuously with water for several minutes
  - **National regulations (Germany):**
    - **Water hazard class:** see chapter 12
    - **Storage class TRGS 510:** 8B
    - **VbF class:** -

### 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.
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