

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** NANOLEX PREWASH FOAM

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Infnitec GmbH  
Matzenberg 171  
Saarbrücken  
D-66115  
Germany

**Tel:** +4968198 800306

**Email:** [a.neuner@infnitec-gmbh.de](mailto:a.neuner@infnitec-gmbh.de)

**1.4. Emergency telephone number**

**Emergency tel:** Medical Emergency information in case of poisoning: Poison Information Center Mainz -  
24h - Phone: +49 (0) 6131 19240 (advisory service in German or English language)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Eye Dam. 1: H318; Skin Irrit. 2: H315

**Most important adverse effects:** Causes skin irritation. Causes serious eye damage.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H315: Causes skin irritation.  
H318: Causes serious eye damage.

**Hazard pictograms:** GHS05: Corrosion



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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- P310: Immediately call a POISON CENTER or doctor.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P101: If medical advice is needed, have product container or label at hand.
- P501: Dispose of contents and container to an approved waste disposal plant.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**
**3.2. Mixtures**
**Hazardous ingredients:**
**ETHERSULFAT**

| EINECS | CAS        | PBT / WEL | CLP Classification                                             | Percent |
|--------|------------|-----------|----------------------------------------------------------------|---------|
| -      | 68891-38-3 | -         | Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412 | 10-30%  |

**SODIUM LAURETH SULFATE**

|   |            |   |                                         |       |
|---|------------|---|-----------------------------------------|-------|
| - | 68891-38-3 | - | Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 1-10% |
|---|------------|---|-----------------------------------------|-------|

**COCAMIDOPROPYL BETAINE**

|   |            |   |                                                                  |       |
|---|------------|---|------------------------------------------------------------------|-------|
| - | 61789-40-0 | - | Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 3: H412 | 1-10% |
|---|------------|---|------------------------------------------------------------------|-------|

**EDETIC ACID (EDTA)**

|           |         |   |                    |     |
|-----------|---------|---|--------------------|-----|
| 200-449-4 | 60-00-4 | - | Eye Irrit. 2: H319 | <1% |
|-----------|---------|---|--------------------|-----|

**Section 4: First aid measures**
**4.1. Description of first aid measures**

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

**4.2. Most important symptoms and effects, both acute and delayed**

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

[cont...]

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**
**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**Hazardous ingredients:**

**ETHERSULFAT**

| Type | Exposure                           | Value                 | Population         | Effect   |
|------|------------------------------------|-----------------------|--------------------|----------|
| DNEL | Oral                               | 15 mg/kg bw/day       | General Population | Systemic |
| DNEL | Dermal                             | 2750 mg/kg bw/day     | Workers            | Systemic |
| DNEL | Dermal                             | 1650 mg/kg bw/day     | General Population | Systemic |
| DNEL | Inhalation                         | 175 mg/m <sup>3</sup> | Workers            | Systemic |
| DNEL | Inhalation                         | 52 mg/m <sup>3</sup>  | General Population | Systemic |
| PNEC | Fresh water                        | 0,24 mg/L             | -                  | -        |
| PNEC | Marine water                       | 0,024 mg/L            | -                  | -        |
| PNEC | Microorganisms in sewage treatment | 10000 mg/L            | -                  | -        |
| PNEC | Fresh water sediments              | 5,45 mg/kg            | -                  | -        |
| PNEC | Marine sediments                   | 0,545 mg/kg           | -                  | -        |

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Viscosity:** Non-viscous

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**
**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
 Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**
**11.1. Information on toxicological effects**
**Hazardous ingredients:**
**ETHERSULFAT**

|        |     |      |       |       |
|--------|-----|------|-------|-------|
| DERMAL | RAT | LD50 | >2000 | mg/kg |
| ORAL   | RAT | LD50 | 4100  | mg/kg |

**SODIUM LAURETH SULFATE**

|      |     |      |      |       |
|------|-----|------|------|-------|
| ORAL | RAT | LD50 | 2000 | mg/kg |
|------|-----|------|------|-------|

**COCAMIDOPROPYL BETAINE**

|        |     |      |       |       |
|--------|-----|------|-------|-------|
| DERMAL | RBT | LD50 | >2000 | mg/kg |
| ORAL   | RAT | LD50 | 2335  | mg/kg |

**Relevant hazards for product:**

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |

**Excluded hazards for substance:**

| Hazard                      | Route | Basis                 |
|-----------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 4) | -     | No hazard: calculated |
| Acute toxicity (ac. tox. 3) | -     | No hazard: calculated |

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|                                |   |                       |
|--------------------------------|---|-----------------------|
| Acute toxicity (ac. tox. 2)    | - | No hazard: calculated |
| Acute toxicity (ac. tox. 1)    | - | No hazard: calculated |
| Respiratory/skin sensitisation | - | No hazard: calculated |
| Germ cell mutagenicity         | - | No hazard: calculated |
| Carcinogenicity                | - | No hazard: calculated |
| Reproductive toxicity          | - | No hazard: calculated |
| STOT-single exposure           | - | No hazard: calculated |
| STOT-repeated exposure         | - | No hazard: calculated |
| Aspiration hazard              | - | No hazard: calculated |

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**
**12.1. Toxicity**

**Hazardous ingredients:**

**ETHERSULFAT**

|               |           |     |      |
|---------------|-----------|-----|------|
| ALGAE         | 96H ErC50 | 7,5 | mg/l |
| Daphnia magna | 48H EC50  | 7,2 | mg/l |
| FISH          | 96H LC50  | 7,1 | mg/l |

**COCAMIDOPROPYL BETAINE**

|      |          |         |      |
|------|----------|---------|------|
| FISH | 96H LC50 | 472-500 | mg/l |
|------|----------|---------|------|

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

[cont...]

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H400: Very toxic to aquatic life.  
H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.