# SAFETY DATA SHEET

NANOLEX SISPLASH



**Compilation date:** 10.10.2019

**Revision No:** 1

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

### 1.1. Product identifier

**Product name:** NANOLEX SISPLASH

### 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:** Infinitec GmbH
Matzenberg 171
Saarbrücken
D-66115
Germany

**Tel:** +4968198 800306

**Email:** a.neuner@infinitec-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 Irrit. 2: H319

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

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H319: Causes serious eye irritation.

**Hazard pictograms:** GHS07: Exclamation mark

**Signal words:** Warning

**Precautionary statements:** P264: Wash hands, forearms and face thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

[cont...]

### 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:**

DECAMETHYLCYCLOPENTASILOXANE

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|---|---|---|---|---|
| - | 541-02-6 | - | Aquatic Chronic 4: H413 | 1-10% |

COCAMIDOPROPYL BETAINE

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

COCODIMETHYLAMINOOXIDE

| | | | | |
|---|---|---|---|---|
| - | 61788-90-7 | - | Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411; Aquatic Acute 1: H400 | <1% |

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** 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.

**Inhalation:** Not applicable.

### 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.

**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:** Not applicable.

## Section 5: Fire-fighting measures

[cont...]

### 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.

[cont...]

**DNEL/PNEC Values**

**Hazardous ingredients:**

**COCODIMETHYLAMINOOXIDE**

| Type | Exposure | Value | Population | Effect |
|---|---|---|---|---|
| DNEL | Inhalation | 15,5 | Workers | Systemic |
| DNEL | Dermal | 11 mg/kg | Workers | Systemic |
| DNEL | Inhalation | 3,8 | Consumers | Systemic |
| DNEL | Dermal | 5,5 mg/kg | Consumers | Systemic |
| DNEL | Oral | 0,44 | Consumers | Systemic |
| PNEC | Fresh water | 0,0335 mg/ml | - | - |
| PNEC | Marine water | 0,00335 mg/ml | - | - |
| PNEC | Microorganisms in sewage treatment | 24 mg/ml | - | - |
| PNEC | Fresh water sediments | 1,14 mg/kg | - | - |
| PNEC | Marine sediments | 0,114 mg/kg | - | - |
| PNEC | Soil (agricultural) | 0,906 mg/kg | - | - |
| PNEC | Food chain | 11,1 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

### 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.

[cont...]

### 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:**

**DECAMETHYLCYCLOPENTASILOXANE**

| | | | | |
|---|---|---|---|---|
| DERMAL | RBT | LD50 | 2000 | mg/kg |
| ORAL | RAT | LD50 | 5000 | mg/kg |
| VAPOURS | RAT | 4H LC50 | 8,67 | mg/l |

**COCAMIDOPROPYL BETAINE**

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

**COCODIMETHYLAMINOOXIDE**

| | | | | |
|---|---|---|---|---|
| DERMAL | RBT | LD50 | 300-2000 | mg/kg |
| ORAL | RAT | LD50 | 2000 | mg/kg |

**Relevant hazards for product:**

| Hazard | Route | Basis |
|---|---|---|
| Serious eye damage/irritation | OPT | Hazardous: 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.

[cont...]

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

**COCAMIDOPROPYL BETAINE**

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

**COCODIMETHYLAMINOOXIDE**

| | | | |
|---|---|---|---|
| Daphnia magna | 48H EC50 | 1-10 | mg/l |
| FISH | 96H LC50 | 1-10 | mg/l |
| GREEN ALGA (Selenastrum capricornutum) | 48H EC50 | 0,1-1 | 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.

### 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.

[cont...]

### 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.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

**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.