

# SAFETY DATA SHEET

NANOLEX WHEEL CLEANER AND IRON REMOVER

Page: 1

Compilation date: 16.03.2017

Revision No: 1

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

### 1.1. Product identifier

**Product name:** NANOLEX WHEEL CLEANER AND IRON REMOVER

### 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

Taubfeld 18

Saarbrücken

D-66121

Germany

**Tel:** +4968198 800306

**Email:** [a.neuner@infinitec-gmbh.de](mailto: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:** Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Sens. 1: H317

**Most important adverse effects:** Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye irritation.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302+352: IF ON SKIN: Wash with plenty of water/soap and water.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

[cont...]

# SAFETY DATA SHEET

## NANOLEX WHEEL CLEANER AND IRON REMOVER

Page: 2

contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see instructions on this label).

P330: Rinse mouth.

### 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:

##### SODIUM MERCAPTOACETATE

| EINECS | CAS      | PBT / WEL | CLP Classification   | Percent |
|--------|----------|-----------|--|---------|
| -      | 367-51-1 | -         | Acute Tox. 3: H301; Acute Tox. 3: H301+311+331; Acute Tox. 3: H311+331; Acute Tox. 3: H331; Met. Corr. 1: H290; Acute Tox. 4: H302+312+332; Acute Tox. 4: H312+332; Acute Tox. 4: H332; Eye Irrit. 2: H319; Skin Sens. 1: H317 | 10-30%  |

##### NATRIUM-P-CUMOLSULFONAT

|   |            |   |                    |       |
|---|------------|---|--------------------|-------|
| - | 15763-76-5 | - | Eye Irrit. 2: H319 | 1-10% |
|---|------------|---|--------------------|-------|

##### SODIUM ETASULFATE

|   |          |   |                                       |       |
|---|----------|---|---------------------------------------|-------|
| - | 126-92-1 | - | Eye Dam. 1: H318; Skin Irrit. 2: H315 | 1-10% |
|---|----------|---|---------------------------------------|-------|

## 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. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor. Do not induce vomiting. If conscious, give half a litre of water to drink immediately.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 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 irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** Exposure may cause coughing or wheezing. There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

[cont...]

# SAFETY DATA SHEET

## NANOLEX WHEEL CLEANER AND IRON REMOVER

Page: 3

**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

### 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:** 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. Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside keep bystanders upwind and away from danger point.

### 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. Avoid the formation or spread of mists in the air. Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

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

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

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# SAFETY DATA SHEET

## NANOLEX WHEEL CLEANER AND IRON REMOVER

Page: 4

### 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:**

#### NATRIUM-P-CUMOLSULFONAT

| Type | Exposure                           | Value        | Population         | Effect   |
|------|------------------------------------|--------------|--------------------|----------|
| DNEL | Oral                               | 3,8 mg/kg    | General Population | Systemic |
| DNEL | Dermal                             | 136,25 mg/kg | Workers            | Systemic |
| DNEL | Dermal                             | 68,1 mg/kg   | General Population | Systemic |
| DNEL | Dermal                             | 0,096 mg/kg  | Workers            | Local    |
| DNEL | Dermal                             | 0,048 mg/kg  | General Population | Local    |
| DNEL | Inhalation                         | 26,9 mg/m    | Workers            | Systemic |
| DNEL | Inhalation                         | 6,6 mg/m     | General Population | Systemic |
| PNEC | Fresh water                        | 0,23 mg/l    | -                  | -        |
| PNEC | Marine water                       | 0,023 mg/l   | -                  | -        |
| PNEC | Microorganisms in sewage treatment | 100 mg/l     | -                  | -        |
| PNEC | Soil (agricultural)                | 0,037 mg/kg  | -                  | -        |
| PNEC | Fresh water sediments              | 0,862 mg/kg  | -                  | -        |
| PNEC | Marine sediments                   | 0,086 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:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** The floor of the storage room must be impermeable to prevent the escape of liquids.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Pink

**Odour:** Characteristic odour

[cont...]

**SAFETY DATA SHEET**  
NANOLEX WHEEL CLEANER AND IRON REMOVER

Page: 5

**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:**

**NATRIUM-P-CUMOLSULFONAT**

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

**Relevant hazards for product:**

| Hazard                         | Route | Basis                 |
|--------------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 4)    | ING   | Hazardous: calculated |
| Serious eye damage/irritation  | OPT   | Hazardous: calculated |
| Respiratory/skin sensitisation | DRM   | Hazardous: calculated |

**Symptoms / routes of exposure**

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

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** Exposure may cause coughing or wheezing. There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

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# SAFETY DATA SHEET

## NANOLEX WHEEL CLEANER AND IRON REMOVER

Page: 6

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

### Section 12: Ecological information

#### 12.1. Toxicity

**Hazardous ingredients:**

##### NATRIUM-P-CUMOLSULFONAT

|  |           |     |      |
|--|-----------|-----|------|
| Daphnia magna                          | 48H EC50  | 100 | mg/l |
| GREEN ALGA (Selenastrum capricornutum) | 72H ErC50 | 100 | mg/l |
| RAINBOW TROUT (Oncorhynchus mykiss)    | 96H LC50  | 100 | 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.

#### 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.

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# SAFETY DATA SHEET

NANOLEX WHEEL CLEANER AND IRON REMOVER

Page: 7

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

**Phrases used in s.2 and s.3:** H290: May be corrosive to metals.

H301: Toxic if swallowed.

H301+311+331: Toxic if swallowed, in contact with skin or if inhaled.

H302: Harmful if swallowed.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H311+331: Toxic in contact with skin or if inhaled.

H312+332: Harmful in contact with skin or if inhaled.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

**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.