

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 22.04.2015


Version number 102

Revision: 22.04.2015

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

- **1.1 Product identifier**
- **Trade name** Kaltreiniger
- **Article number:** LOS7600
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Cleaning agent / Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
EURO-LOCK Vertriebs-GmbH
NordweststraÙ 3
D-59387 Ascheberg
Phone: + 49(0) 2593/95887-0
Fax: + + 49(0) 2593/95887-29
- **Informing department:**
Phone: + 49(0) 2593/95887-0
E-mail: info@euro-lock.de
- **1.4 Emergency telephone number:**
Tel.: + 49(0) 2593/95887-0
Monday - Thursday 8:00 - 17:00 CET, Friday 8:00 - 13:00 CET

*** SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Eye Dam. 1 H318 Causes serious eye damage.
Skin Irrit. 2 H315 Causes skin irritation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Xi; Irritant
R38-41: Irritating to skin. Risk of serious damage to eyes.
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**

GHS05
- **Signal word** Danger
- **Hazard-determining components of labelling:**
Alcohols, C12-14, ethoxylated, sulfates, sodium salts
- **Hazard statements**
H315 Causes skin irritation.
H318 Causes serious eye damage.
- **Precautionary statements**
P280 Wear protective gloves/protective clothing/eye protection/face protection.

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P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

P310 *Immediately call a POISON CENTER/doctor.*

P302+P352 *IF ON SKIN: Wash with plenty of water.*

-2.3 Other hazards

-Results of PBT and vPvB assessment

-PBT: Not applicable.

-vPvB: Not applicable.

* SECTION 3: Composition/information on ingredients

- 3.2 Mixtures

-Description: *Cleansing agent*

-Dangerous components:

| | | |
|---|---|---------|
| CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16 | Alcohols, C12-14, ethoxylated, sulfates, sodium salts Xi R38-41 ----- Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 | 10-25% |
| CAS: 5064-31-3 EINECS: 225-768-6 Reg.nr.: 01-2119519239-36 | trisodium nitrilotriacetate Xn R22-40; Xi R36 ----- Carc. Cat. 3 Carc. 2, H351; Acute Tox. 4, H302; Eye Irrit. 2, H319 | 2.5-10% |
| CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37 | sodium p-cumenesulphonate Xi R36 ----- Eye Irrit. 2, H319 | < 2.5% |

-Additional information *For the wording of the listed risk phrases refer to section 16.*

-Composition/Ingredients

Constituents according to EC-Regulation 648/2004:

15 - 30 % anionic surfactants,

< 5 % NTA (nitrilotriacetic acid) and salts thereof,

Perfumes (Limonene),

further ingredients: solubilizing, colouring and auxiliary agents.

SECTION 4: First aid measures

-4.1 Description of first aid measures

-General advice: *Instantly remove any clothing soiled by the product.*

-After inhalation *Supply fresh air; consult doctor in case of symptoms.*

-After skin contact

Remove contaminated clothing immediately. Wash affected areas with plenty of water und soap. If irritation continues, contact a doctor.

-After eye contact *Rinse immediately opened eye for several minutes under running water. Then consult doctor.*

-After swallowing

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; instantly call for medical help.

-4.2 **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*

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

No further relevant information available.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** See section 8.
- **Additional information** Endangered containers in the surrounding area should be cooled with a water-hose.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment and keep unprotected persons away.
- **6.2 Environmental precautions:**
Do not allow to enter the ground/soil.
Do not allow product to reach sewage system or water bodies.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Residues: rinse away with plenty of water.
- **6.4 Reference to other sections**
See Section 8 for information on personal protection equipment.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Avoid contact with eyes or skin.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Observe official regulations on storage and handling of water hazardous substances
Store in original containers or in PE-containers.
- **Information about storage in one common storage facility:** Not required.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs**

15763-76-5 sodium p-cumenesulphonate

| | | |
|------------|-------------------|---|
| Oral | DNEL (population) | 3.8 mg/kg bw/day (Long-term - systemic effects) |
| Dermal | DNEL (population) | 3.8 mg/kg bw/day (Long-term - systemic effects) |
| | DNEL (worker) | 7.6 mg/kg bw/day (Long-term - systemic effects) |
| Inhalative | DNEL (population) | 13.2 mg/m ³ (Long-term - systemic effects) |
| | DNEL (worker) | 53.6 mg/m ³ (Long-term - systemic effects) |

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| | |
|---|---|
| - PNECs | |
| 15763-76-5 sodium p-cumenesulphonate | |
| <i>PNEC STP</i> | 100 mg/l (380) |
| <i>PNEC aqua</i> | 0.23 mg/l (fresh water) 2.3 mg/l (intermittent releases) |

- **Additional information:** The lists that were valid during the compilation were used as basis.

- 8.2 Exposure controls

- Personal protective equipment

- General protective and hygienic measures

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

- **Breathing equipment:** Use breathing protection only when aerosol or mist is formed.

- **Protection of hands:** Protective gloves.

- Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- Penetration time of glove material

Material of gloves is recommended for a short-term single use to protect from splashes. For permanent usage contact manufacturer of gloves.

- **Eye protection:** Tightly sealed safety glasses.

- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

Form: Liquid

Colour: Yellow

- Smell: citrusartig

- pH-value (50 g/l) at 20 °C: 11.2

- Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: 100 °C

- Flash point: Product is non-flammable nor potentially explosive

- Self-inflammability: Product is not selfigniting.

- Danger of explosion: Product is not potentially explosive

- Density at 20 °C 1.06 g/cm³

- Solubility in / Miscibility with

Water: Fully miscible

- 9.2 Other information No further relevant information available.

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SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** None known.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

* SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts

| | | |
|--------|------|--------------------|
| Oral | LD50 | 4100 mg/kg (rat) |
| Dermal | LD50 | > 2000 mg/kg (rat) |

5064-31-3 trisodium nitrilotriacetate

| | | |
|------------|-------------|--------------------------------|
| Oral | LD50 | 1450 mg/kg (rat) |
| Dermal | LD50 | > 10000 mg/kg (rab) |
| Inhalative | LC 50 / 4 h | > 5 mg/l (rat, male) (Aerosol) |

15763-76-5 sodium p-cumenesulphonate

| | | |
|------------|-------------|--------------------|
| Oral | LD50 | > 2000 mg/kg (rat) |
| Dermal | LD50 | > 2000 mg/kg (rab) |
| Inhalative | LC 50 / 4 h | > 5 mg/l (rat) |

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- **Primary irritant effect:**

- **on the skin:** Irritant for skin and mucous membranes.

- **on the eye:** Irritant effect.

- **Sensitisation:** No sensitizing effect known.

- **Additional toxicological information:**

Product removes lipid skin film even in diluted solution. Prolonged or repeated contact may cause skin irritation.

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

* SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts

| | |
|--------------|-------------------------------------|
| EC 50 / 48 h | 7.2 mg/l (Daphnia magna) |
| EC 50 / 96 h | 7.5 mg/l (Algae) |
| LC 50 / 96 h | 7.1 mg/l (fish) |
| NOEC | 0.27 mg/l (Daphnia magna) (21 Tage) |

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| 5064-31-3 trisodium nitrilotriacetate | |
|--|--|
| EC 50 / 48 h | > 100 mg/l (<i>Daphnia magna</i>) |
| EC 50 / 72 h | > 100 mg/l (<i>Algae</i>) |
| EC 50 / 96 h | 780 mg/l (<i>Chlorella vulgaris</i>) |
| LC 50 / 96 h | 98 mg/l (<i>Oncorhynchus mykiss</i>) |
| | 312 mg/l (<i>Lepomis macrochirus</i>) |
| | > 100 mg/l (<i>Dionda nubila</i>) |
| 15763-76-5 sodium p-cumenesulphonate | |
| EC 50 / 3 h | > 1000 mg/l (activated sludge (method OECD 209)) |
| EC 50 / 48 h | > 100 mg/l (<i>Daphnia magna</i>) |
| EC 50 / 72 h | > 100 mg/l (<i>Desmodesmus subspicatus</i>) |
| LC 50 / 96 h | > 100 mg/l (fish) |

- 12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

| 15763-76-5 sodium p-cumenesulphonate | |
|---|---------------------|
| Biolog. Abbaubarkeit | > 60 % (OECD 301 B) |

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- Additional ecological information:

- General notes:

The product contains no organic halogen compounds (AOX).

The product contains no organic complexing agents, which are not biodegradable (DOC elimination > 80 % within 28 d)

Danger to drinking water if even small quantities leak into soil.

Water hazard class 2 (Self-assessment): hazardous for water.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

- 12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods

- Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

The aforementioned recommendations apply to the unused product (e.g. residues)

When appropriately used, the product should end up as sewage.

- Waste disposal key number:

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

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- **Uncleaned packagings:**
- **Recommendation:**
Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.
Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

| | |
|--|--|
| - 14.1 UN-Number - ADR, IMDG, IATA | Void |
| - 14.2 UN proper shipping name - ADR, IMDG, IATA | Void |
| - 14.3 Transport hazard class(es) - ADR, IMDG, IATA - Class | Void |
| - 14.4 Packing group - ADR, IMDG, IATA | Void |
| - 14.6 Special precautions for user | Not applicable. |
| - 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| - Transport/Additional information: | Not dangerous according to the above specifications. |
| - UN "Model Regulation": | - |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

* SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Application:** *Directions for use: please refer to the Technical Information Sheet*
- **Relevant phrases**
Complete wording of hazard statements and risk phrases (H- and R-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H412 Harmful to aquatic life with long lasting effects.
R22 Harmful if swallowed.

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- R36 Irritating to eyes.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.

- Department issuing data specification sheet: see item 1: Informing department

- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Carc. 2: Carcinogenicity, Hazard Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

- * Data compared to the previous version altered.