

Material Safety Data Sheet
According to 91/155 EEC

Printing date 18.11.2004

Reviewed on 18.11.2004

1 Identification of substance:

- Product details:
- Trade name: ALTO Truck Cleaner AL
- Manufacturer/Supplier:
ALTO Deutschland GmbH
Guido-Oberdorfer-Straße 2-8 Telefon: 07306/72-0
D - 89287 Bellenberg Telefax: 07306/72-316
- Informing department: Department cleaning and care agents
- Emergency information:
National Poisons
Information Service (L)
Medical Toxicology Unit
Avonley Road
Tel:0171/635 91 91
Fax:0171/771 53 09

2 Composition/Data on components:

- Chemical characterization
- Description:
Mixture of the substances listed below.
- Dangerous components:

5064-31-3 trisodium nitrilotriacetate	5-15 %
Xn; R 22-36	
EINECS: 225-768-6	
Nonionic tensid	1-5 %
Xn; R 22-41	
Nonionic tensid	1-5 %
Xi; R 36/38	
1310-73-2 sodium hydroxide	1-5 %
C; R 35	
EINECS: 215-185-5	
- Additional information
For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- Hazard designation: Xi Irritant
 - Information pertaining to particular dangers for man and environment
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 36/38 Irritating to eyes and skin.
 - 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.
-

Material Safety Data Sheet
According to 91/155 EEC

Printing date 18.11.2004

Reviewed on 18.11.2004

Trade name: ALTO Truck Cleaner AL

4 First aid measures

- After inhalation
In case of unconsciousness bring patient into stable side position for transport.
 - After skin contact
Instantly wash with water and soap and rinse thoroughly.
 - After eye contact
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
 - After swallowing In case of persistent symptoms consult doctor.
-

5 Fire fighting measures

- Suitable extinguishing agents
CO₂, extinguishing powder or water spray jet with softener additives or with alcohol-resistant foam.
 - Protective equipment: No special measures required.
-

6 Accidental release measures

- Person-related safety precautions: Not required.
 - Measures for environmental protection: Dilute with much water.
 - Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
-

7 Handling and storage

- Handling
 - Information for safe handling:
When diluting, always stir the product into standing water.
Keep containers tightly sealed.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
 - Information about protection against explosions and fires:
No special measures required.
 - Storage
 - Requirements to be met by storerooms and containers:
No special requirements.
 - Information about storage in one common storage facility: Not required.
 - Further information about storage conditions:
Keep container tightly sealed.
-

8 Exposure controls and personal protection

Components with limit values that require monitoring at the workplace:
1310-73-2 sodium hydroxide
OES: Short-term value: 2 mg/m³

- Personal protective equipment

(Contd. on page 3)

Material Safety Data Sheet
According to 91/155 EEC

Printing date 18.11.2004

Reviewed on 18.11.2004

Trade name: ALTO Truck Cleaner AL

- Organic solvents:	0.0 %	(Contd. of page 3)
- Solids content:	11.3 %	

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
 - Dangerous reactions No dangerous reactions known
 - Dangerous products of decomposition:
No dangerous decomposition products known
-

11 Toxicological information

- Acute toxicity:
 - Primary irritant effect:
 - on the skin: Irritant to skin and mucous membranes.
 - on the eye: cause irritation
 - Sensitization: No sensitizing effect known.
 - Additional toxicological information:
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
-

12 Ecological information

- General notes:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
Do not pour into groundwater or other bodies of water.
Danger to drinking water if even small quantities leak into soil.
Do not allow undiluted produkt or large quantities of it ground water and water bodies.
Diluted solutions may be disposed of in sewage plants.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms.
In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
-

13 Disposal considerations

- Product:
 - Recommendation
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
 - Uncleaned packagings:
 - Recommendation:
Disposal must be made according to official regulations.
 - Recommended cleaning agent: Water, if necessary with cleaning agent.
-

Material Safety Data Sheet
According to 91/155 EEC

Printing date 18.11.2004

Reviewed on 18.11.2004

Trade name: ALTO Truck Cleaner AL

14 Transport information

- Land transport ADR/RID (cross-border)
 - ADR/RID Class: 8 (C5) Corrosive substances.
 - Kemler Number: 80
 - UN-Number: 1824
 - Packaging group: III
 - Label 8
 - Designation of goods: 1824 SODIUM HYDROXIDE SOLUTION, mixture

 - Maritime transport IMDG:
 - IMDG Class: 8
 - UN Number: 1824
 - Label 8
 - Packaging group: III
 - EMS Number: F-A,S-B
 - Marine pollutant: No
 - Correct technical name: SODIUM HYDROXIDE SOLUTION, mixture

 - Air transport ICAO-TI and IATA-DGR:
 - ICAO/IATA Class: 8
 - UN/ID Number: 1824
 - Label 8
 - Packaging group: III
 - Correct technical name: SODIUM HYDROXIDE SOLUTION, mixture
-

15 Regulatory information

- Designation according to EC guidelines:
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)
 - Code letter and hazard designation of product: Xi Irritant
 - Risk phrases: 36/38 Irritating to eyes and skin.
 - Safety phrases:
 - 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
 - 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 - 37/39 Wear suitable gloves and eye/face protection.
 - 51 Use only in well-ventilated areas.
 - 60 This material and its container must be disposed of as hazardous waste.
 - National regulations
 - Water hazard class:
Water hazard class 2 (Self-assessment): hazardous for water.
-

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
(Contd. on page 6)

Material Safety Data Sheet
According to 91/155 EEC

Printing date 18.11.2004

Reviewed on 18.11.2004

Trade name: ALTO Truck Cleaner AL

(Contd. of page 5)

establish a legally valid contractual relationship.

- Relevant R-phrases

- 22 Harmful if swallowed.
- 35 Causes severe burns.
- 36 Irritating to eyes.
- 36/38 Irritating to eyes and skin.
- 41 Risk of serious damage to eyes.

- Department issuing data specification sheet:
Department cleaning and care agents
-