

# Nilfisk ALTO

## CAR COMBI CLEANER

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Identification of the substance or preparation

## CAR COMBI CLEANER

#### Use of the substance/preparation

Car shampoo

#### Company/undertaking identification

Nilfisk-ALTO, Industrivej 1, DK-9560 Hadsund

Telephone +33 388288432, Fax

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

#### Emergency telephone

#### Advisory office in case of poisoning:

Tel.:

---

#### Telephone number of the company in case of emergencies:

Tel. +33 388288432

### 2. HAZARDS IDENTIFICATION

#### To people

See point 11 and 15.

Preparation is classified as hazardous in the sense of directive 1999/45/EC.

41 Risk of serious damage to eyes.

#### To the environment

See point 12.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
content %	Symbol	R-phrases	EINECS; ELINCS
	Registration number (ECHA)	DNEL	PNEC
Fatty alcohol ethoxylates			
10 -< 25	Xn/Xi	22-41	
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides			
2,5 -< 5	Xn/C/N	21/22-34-50	270-325-2
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, diesters with vegetable-oil fatty acids, Me sulfates (salts)			
1 -< 20	Xi	36/38	305-741-6
Terpene alcohol/terpene hydrocarbons			
1 -< 20	Xn/Xi	22-38	

For complete wording of the R-phrases, refer to point 16.

**Nilfisk  
ALTO****CAR COMBI CLEANER****4. FIRST AID MEASURES****4.1 Inhalation**

Supply person with fresh air and consult doctor according to symptoms.

**4.2 Eye contact**

Remove contact lenses.

Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available.

Consult medical specialist.

**4.3 Skin contact**

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

**4.4 Ingestion**

Rinse the mouth thoroughly with water.

Do not induce vomiting.

Give copious water to drink - consult doctor immediately.

**4.5 Special resources necessary for first aid**

Eye washout

**5. FIRE-FIGHTING MEASURES****5.1 Suitable extinguishing media**

Adapt to the nature and extent of fire.

**5.2 Extinguishing media which shall not be used for safety reasons**

n.c.

**5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

In case of fire the following can develop:

Oxides of carbon

Oxides of sulphur

Oxides of nitrogen

Toxic pyrolysis products.

**5.4 Special protective equipment for fire-fighters**

Protective respirator with independent air supply

Full protection, if necessary

**5.5 Further information**

Dispose of contaminated extinction water according to official regulations.

In case of fire and/or explosion do not breathe fumes.

**6. ACCIDENTAL RELEASE MEASURES**

Refer to point 13. and for personal protection refer to point 8.

**6.1 Personal precautions**

Ensure sufficient supply of air.

Avoid contact with eyes.

Avoid long lasting or intensive contact with skin.

If applicable, caution - risk of slipping.

**6.2 Environmental precautions**

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Do not pour down the drain undiluted.

**6.3 Methods for cleaning up**

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr, sawdust), and dispose of according to point 13.

**Nilfisk  
ALTO****CAR COMBI CLEANER****7. HANDLING AND STORAGE****7.1 Handling****Tips for safe handling:**

See point 6.1

Avoid contact with eyes.

Avoid long lasting or intensive contact with skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Wash hands before breaks and at end of work.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

**7.2. Storage****Requirements for storage rooms and containers:**

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

**Special storage conditions:**

See point 10

Store at room temperature.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Exposure limit values**

---

**8.2 Exposure controls****8.2.1 Occupational exposure controls**

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Respiratory protection:

Normally not necessary.

Hand protection:

If applicable

Protective nitrile gloves (EN 374)

Protective PVC gloves (EN 374)

Protective hand cream recommended.

Eye protection:

Tight fitting protective goggles with side protection (EN 166).

If applicable

Face protection (EN 166)

Skin protection:

Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

**Nilfisk  
ALTO****CAR COMBI CLEANER**

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

**8.2.2 Environmental exposure controls**

n.av.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Liquid
Colour:	Orange
Odour:	Fresh
1 % pH-value:	7,0 (20°C)
Boiling point/boiling range (°C):	100
Melting point/melting range (°C):	Not detected
Flash point (°C):	101
Ignition temperature:	200°C
Autoflammability:	No
Minimum limit of explosion:	Not detected
Maximum limit of explosion:	Not detected
Product is not explosive.	
Vapour pressure:	23 hPa (20°C)
Density (g/ml):	1,006 (20°C)
Water solubility:	Mixable
Viscosity:	Not detected

**10. STABILITY AND REACTIVITY****Conditions to avoid**

Stable when handled and stored correctly.

**Materials to avoid**

See point 7

Avoid contact with other chemicals.

**Hazardous decomposition products**

See point 5.3

No decomposition when used as directed.

**Nilfisk  
ALTO****CAR COMBI CLEANER****11. TOXICOLOGICAL INFORMATION****Acute toxicity and immediate effects**

Ingestion, LD50 rat oral (mg/kg): n.av.

Inhalation, LC50 rat inhal.(mg/l/4h): n.av.

Skin contact, LD50 rat dermal (mg/kg): n.av.

Eye contact: See point 15.

**Delayed and chronic effects**

Sensitization: n.c.

Carcinogenicity: n.c.

Mutagenicity: n.c.

Reproductive toxicity: n.c.

Narcosis: n.c.

**Further information**

The product was not tested.

Classification according to calculation procedure.

**12. ECOLOGICAL INFORMATION**

The product was not tested.

Water hazard class (Germany): 2

Self classification: Yes (VwVwS)

Persistence and degradability:

100%/28d OECD 301 E \*

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.

Behaviour in sewage plants: Problems not expected when used correctly.

Aquatic toxicity: n.av.

Ecological toxicity: n.av.

\* Terpene alcohol/terpene hydrocarbons

**Nilfisk  
ALTO****CAR COMBI CLEANER****13. DISPOSAL CONSIDERATIONS**

13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

20 01 29 detergents containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Empty container completely.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

Uncontaminated packaging can be recycled.

**14. TRANSPORT INFORMATION****General statements**

UN-Number: n.a.

**Road/Rail-transport (ADR/RID)**

Class/packing group: n.a.

Classification code: n.a.

LQ: n.a.

**Transport by sea**

IMDG-code: n.a. (class/packing group)

Marine Pollutant: n.a.

**Transport by air**

IATA: n.a. (class/secondary danger/packing group)

**Additional information:**

Non-dangerous material according to Transport Regulations.

**Nilfisk  
ALTO****CAR COMBI CLEANER****15. REGULATORY INFORMATION**

Symbols: Xi  
Indications of danger: Irritant  
R-phrases:  
41 Risk of serious damage to eyes.  
S-phrases:  
2 Keep out of the reach of children.  
25 Avoid contact with eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
35 This material and its container must be disposed of in a safe way.  
39 Wear eye/face protection.  
46 If swallowed, seek medical advice immediately and show this container or label.  
Additions: n.a.  
Observe restrictions: Yes  
Observe restrictive guidelines 76/769/EEC, 1999/51/EC, 1999/77/EC  
Observe youth employment law (German regulation).

**16. OTHER INFORMATION**

These details refer to the product as it is delivered.

Storage class VCI (Germany): 10/12

Revised points: n.a.

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 3).

22 Harmful if swallowed.

22 Also harmful if swallowed.

41 Risk of serious damage to eyes.

21/22 Harmful in contact with skin and if swallowed.

34 Causes burns.

50 Very toxic to aquatic organisms.

36/38 Irritating to eyes and skin.

38 Irritating to skin.

**Nilfisk  
ALTO**

## CAR COMBI CLEANER

### Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

**Chemical Check GmbH, Wöbbeler Straße 2-4, D-32839 Steinheim, Tel.: +49 5233 94 17 0, +49 1805-CHEMICAL / +49 180 52 43 642,**

**Fax: +49 5233 94 17 90, +49 180 50 50 455**

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.