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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision: 10.06.2010 Replaces the version of: 21.10.2008 PDF date: 10.06.2010  
AUTOSOL® Boat Shampoo

## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

#### Identification of the substance or preparation

#### **AUTOSOL® Boat Shampoo**

#### Use of the substance/preparation

Refer to description of material or preparation.

#### Company/undertaking identification

Dursol-Fabrik Otto Durst GmbH & Co. KG, Martinstraße 22, D-42655 Solingen  
Telephone +49 (0) 212-2718-0, Fax +49 (0) 212-208795  
eMail: info@autosol.de  
Homepage: www.autosol.de

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.:

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

Tel. +49 (0) 212-2718-0 (8.00h - 16.00h)

### 2. HAZARDS IDENTIFICATION

#### To people

See point 11 and 15.

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

#### To the environment

See point 12.

### REGULATION (EC) No 648/2004

less than 5 %  
anionic surfactants

perfumes

METHYLISOTHIAZOLINONE  
BENZISOTHIAZOLINONE  
2-BROMO-2-NITROPROPANE-1,3-DIOL

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Symbol	R-phrases	EINECS, ELINCS
content %			



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	Registration number (ECHA)	Classification categories / Indications of danger:	
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Fatty alcohol polyethyleneglycol ether sulfate, Sodium salt solution			
1 -< 10	Xi	36/38	
		Irritant	CAS 68891-38-3

Chemical name			
content %	Symbol	R-phrases	EINECS, ELINCS
	Registration number (ECHA)	Classification categories / Indications of danger:	

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts, solution			
1 -< 10	Xi	38	270-407-8
		Irritant	CAS 68439-57-6

For complete wording of the R-phrases / H-phrases (GHS/CLP), refer to point 16.

## 4. FIRST AID MEASURES

### 4.1 Inhalation

Typically no exposure pathway.  
Supply person with fresh air.

### 4.2 Skin contact

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

### 4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

### 4.4 Ingestion

Rinse the mouth thoroughly with water.  
Keep Data Sheet available.

Do not induce vomiting. Consult doctor immediately.

### 4.5 Special resources necessary for first aid

n.c.

## 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

High volume water jet

### 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

### 5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply.

### 5.5 Further information

Dispose of contaminated extinction water according to official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

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



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## 6.1 Personal precautions

Ensure sufficient ventilation.  
If applicable, caution - risk of slipping  
Avoid contact with eyes.

## 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), and dispose of according to point 13.

# 7. HANDLING AND STORAGE

## 7.1 Handling

### Tips for safe handling:

See point 6.1  
Observe directions on label and instructions for use.  
General hygiene measures for the handling of chemicals are applicable.

## 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:

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Exposure limit values

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## 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:

Recommended

Protective hand cream recommended.

Rubber gloves (EN 374).

Eye protection:

With danger of contact with eyes.

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

Skin protection:

Protective working garments (e.g. safety shoes EN ISO 20345, 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



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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.  
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

### 9.1 General information

Physical state:	Liquid
Colour:	Orange
Odour:	Slightly perfumed

### 9.2. Important health, safety and environmental information

pH-value undiluted:	5,2 DIN 53785
10 % pH-value:	5,5 DIN 53785
Boiling point/boiling range (°C):	>= 100
Melting point/melting range (°C):	< 0
Flash point (°C):	> 100
Oxidising properties:	n.c.
Density (g/ml):	1,0 DIN 51757
Water solubility:	Mixable
Partition coefficient (n-octanol/water):	n.c.
Viscosity:	36 mm <sup>2</sup> /s (20°C) (DIN ISO 2341)

## 10. STABILITY AND REACTIVITY

### Conditions to avoid

See point 7  
Stable when handled and stored correctly.

### Materials to avoid

See point 7  
No dangerous reactions are known.

### Hazardous decomposition products

See point 5.3  
No decomposition when used as directed.

## 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:	n.av.

### Delayed and chronic effects

Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

### Further information



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Classification according to calculation procedure.

## 12. ECOLOGICAL INFORMATION

Persistence and degradability: > 80% OECD 302B \*  
Readily biodegradable \*\*  
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.  
\* Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts  
\*\* Fatty alcohol polyethyleneglycol ether sulfate, Sodium salt solution  
Mobility: n.av.  
Accumulation: n.av.  
Results of PBT assessment  
n.av.  
Other adverse effects: n.av.

## 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)  
07 06 01 aqueous washing liquids and mother liquors  
20 01 29 detergents containing dangerous substances  
20 01 30 detergents other than those mentioned in 20 01 29  
Recommendation:  
Pay attention to local and national official regulations  
E.g. suitable incineration plant.

### 13.2 for contaminated packing material

See point 13.1  
Pay attention to local and national official regulations  
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.

Tunnel restriction code:

### 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.



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## 15. REGULATORY INFORMATION

### Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable

Indications of danger: ---

R-phrases:

S-phrases:

Additions: n.a.

Observe restrictions: n.a.

## 16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 12

Revised points: 3

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

36/38 Irritating to eyes and skin.

38 Irritating to skin.

### 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 EH40

AGW = "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:

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