



# Safety data sheet

according to (EG) No 1907/2006, Annex II

Version 1.0

1/6  
Revision: 06.10.2008

## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the substance or preparation

Name of product: **AUTOSOL® Marine Shine**

### Use of the substance/preparation

Highly abrasive cleaning, polishing and rubbing agent for weathered boat surfaces.

### Company / undertaking identification

#### Dursol-Fabrik Otto Durst GmbH & Co. KG

Martinstraße 22 Postfach / PO Box 190210  
D - 42655 Solingen D - 42702 Solingen  
Germany Germany  
Tel. +49 (0)212 2718-0 Fax +49 (0)212 208795  
eMail: [info@autosol.de](mailto:info@autosol.de) Homepage: [www.autosol.de](http://www.autosol.de)

eMail-address of the competent person: [labor@autosol.de](mailto:labor@autosol.de)

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

Tel. +49 (0)212 2718-0

## 2. Hazards identification

### To people

See point 11 and 15.

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

The following may occur:

Repeated exposure may cause skin dryness or cracking.

### To the environment

See point 12.

## 3. Composition / information on ingredients

Chemical name	content %	symbol	R-phrases	EINECS, ELINCS	CAS
Kerosine (petroleum)	10-<50	Xn	65-66	232-366-4	8008-20-6
Castor oil,sulfated sodium salt	1-5	Xi	36	269-123-7	68187-76-8

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

## 4. First aid measures

### Inhalation

Remove person from danger area.



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Supply person with fresh air.

### **Eye contact**

Wash thoroughly for several minutes using copious water. Seek medical help if necessary. Keep Data Sheet available.

### **Skin contact**

Wash thoroughly with soap and copious water – remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

### **Ingestion**

Call doctor immediately – have Data Sheet available.

Do not induce vomiting.

### **Special resources necessary for first aid**

n.c.

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## **5. Fire-fighting measures**

### **Suitable extinguishing material**

Foam, CO<sub>2</sub>, sand, dry extinguisher, water jet spray

### **Extinguishing media which must not be used for safety reasons**

High volume water jet

### **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, toxic pyrolysis products.

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

Protective respirator with independent air supply

### **Further information**

Dispose of contaminated extinction water according to official regulations.

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## **6. Accidental release measures**

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

### **Personal precautions**

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

### **Environmental measures**

If leakage occurs, dam up.

Do not pour down the drain undiluted.

### **Methods for cleaning up**

Collect mechanically and dispose of according to point 13.

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## **7. Handling and storage**

### **Handling**

#### **Tips for safe handling:**

See point 6.

Ensure good ventilation.

Observe directions on label and instructions for use.

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

General hygiene measures for the handling of chemicals are applicable.



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## **AUTOSOL® Marine Shine**

### **Storage**

#### **Requirements for storage rooms and containers:**

Not to be stored in gangways or stair wells.

Store products only unopened, in original packing.

#### **Special storage conditions:**

See point 10.

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## **8. Exposure controls / personal protection**

### **Exposure limit values**

#### **Chemical Name Kerosine (petroleum)**

WEL-TWA: 100 mg/m<sup>3</sup> (AGW) WEL-STEL: 2(II) (AGW)

#### **Chemical Name Aluminium oxide**

WEL-TWA: 10 mg/m<sup>3</sup> (total inhal. dust), WEL-STEL:  
4 mg/m<sup>3</sup> (resp. dust) (aluminium oxides)

WEL-TWA = Workplace Exposure Limit – Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). AGW= Arbeitsplatzgrenzwert (workplace limit value,Germany).

### **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 work.

Keep away from food, drink and animal feedingstuffs.

#### **Respiratory protection:** Normally not necessary.

If the general dust-limit is exceeded, breathing masks with fine-dust filters are necessary (EN 143).

If WEL or AGW is exceeded: Filter A2 P2 (EN 141).

Observe wearing time limitations for respiratory protection equipment.

#### **Hand protection:**

Recommended: Protective nitrile gloves (EN 374).

Protective hand cream recommended.

#### **Eye protection:** Normally not necessary.

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 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



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## **AUTOSOL® Marine Shine**

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.

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### **9. Physical and chemical properties**

Physical state:	Paste
Colour:	White
Odour:	Characteristic
pH-value undiluted:	9.5
10 % pH-value:	n.a.
Boiling point / range (°C):	≥ 100
Melting point / range (°C):	n.v.
Flash point (°C):	> 100
Oxidising properties:	No
Minimum limit of explosion:	n.a.
Maximum limit of explosion:	n.a.
Product is not explosive.	
Relative density (g/ml):	1.26
Solubility in water:	Insoluble

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### **10. Stability and reactivity**

#### **Conditions to avoid**

See point 7.

Stable when handled and stored correctly.

#### **Materials to avoid**

See point 7.

No dangerous reaction are know.

#### **Hazardous decomposition products**

See Point 5.

No decomposition when used as direct.

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### **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.



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## **AUTOSOL® Marine Shine**

### **Further information**

No classification according to calculation procedure.

The following may occur:

Repeated exposure may cause skin dryness or cracking.

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## **12. Ecological information**

WGK=water hazard class (Germany):	2
Self classification:	Yes (VwVwS)
Persistence and degradability*:	Not totally biodegradable.
Behaviour in sewage plants:	Mechanical precipitation possible.
According to the recipe, contains no AOX.	
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
* Kerosine (petroleum)	

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## **13. Disposal considerations**

### **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 concerning use and disposal, other waste codes may be allocated under certain circumstances.

12 01 14 machining sludges containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

### **for contaminated packing material**

See point 13.1

Pay attention to local and national official regulations.

Uncontaminated packaging can be recycled.

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

15 01 04 metallic packaging

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## **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)



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## **AUTOSOL® Marine Shine**

### **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:	
Safety data sheet available for professional user on request.	
Observe restrictions:	n.a.

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## **16. Other information**

These details refer to the product as it is delivered.

Storage class VCI (Germany): 10/13

Revised points: n.a.

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

36 Irritating to eyes.

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

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### **Legend**

n.a. = not applicable / n.av. = not available / n.c = not checked

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

AOX = Adsorbable organic halogen compounds

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

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.