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Revised on / Version: 07.03.2011 / 0001  
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Valid from: 07.03.2011  
PDF print date: 07.03.2011  
1001 Fabric fresh

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

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

#### 1.1 Product identifier

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#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

##### Relevant identified uses of the substance or mixture:

See definition of the substance or mixture.

##### Uses advised against:

No information available at present.

#### 1.3 Details of the supplier of the safety data sheet

WD40 Company Limited UK, PO Box 440 , Kiln Farm, Milton Keynes, MK11 3LF  
Telephone 01908 555400, Fax 01908 266900  
info@wd40.co.uk

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

#### 1.4 Emergency telephone

##### Advisory office in case of poisoning:

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

Tel.: +49 (0) 700 / 24 112 112 (WDC)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### 2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

Not determined

##### 2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments).

The mixture is not classified as dangerous in the terms of the directive 1999/45/EC.

#### 2.2 Label elements

##### 2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)

Not determined

##### 2.2.2 Labeling according to Directives 67/548/EEC and 1999/45/EC (including amendments).

Symbols: Not applicable

Indications of danger: ---

R-phrases:

S-phrases:

Voluntary:

2 Keep out of the reach of children.

46 If swallowed, seek medical advice immediately and show this container or label.

Additions: n.a.

#### 2.3 Other hazards

The mixture contains no vPvB substance (vPvB = very persistent, very bioaccumulative).

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The mixture contains no PBT substance (PBT = persistent, bioaccumulative, toxic).

**REGULATION (EC) No 648/2004**

n.a.

**SECTION 3: Composition/information on ingredients**

**3.1 Substance**

n.a.

**3.2 Mixture**

<b>Fatty alcohol ethoxylates</b>	
<b>Registration number (ECHA)</b>	-
<b>Index</b>	---
<b>EINECS, ELINCS</b>	-
<b>CAS</b>	CAS 61827-42-7
<b>content %</b>	1-<5
<b>Symbol</b>	Xn/Xi
<b>R-phrases</b>	22-41
<b>Classification categories / Indications of danger</b>	Harmful, Irritant
<b>Hazard class/Hazard category</b>	<b>Hazard statement</b>
Acute Tox./4	H302
Eye Dam./1	H318

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

Never pour anything into the mouth of an unconscious person!

**Inhalation**

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

**Skin contact**

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

Unsuitable cleaning product:

Solvent

Thinners

**Eye contact**

Remove contact lenses.

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

**Ingestion**

Rinse the mouth thoroughly with water.

Give copious water to drink - consult doctor immediately.

**4.2 Most important symptoms and effects, both acute and delayed**

Where relevant delayed occurring symptoms and effects will be found in section 11. or at the exposure routes under section 4.1.

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

n.c.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Adapt to the nature and extent of fire.

Water jet spray / alcohol resistant foam / CO2 / dry extinguisher

**Unsuitable extinguishing media**

None

**5.2 Special hazards arising from the substance or mixture**

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In case of fire the following can develop:

Oxides of carbon

Toxic pyrolysis products.

### **5.3 Advice for firefighters**

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

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary

Dispose of contaminated extinction water according to official regulations.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure sufficient supply of air.

Avoid contact with eyes or 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.

Prevent from entering drainage system.

If accidental entry into drainage system occurs, inform responsible authorities.

### **6.3 Methods and material for containment and cleaning up**

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.

Flush residue using copious water.

Unsuitable cleaning product:

Solvent

Thinners

### **6.4 Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

## **SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### **7.1 Precautions for safe handling**

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.

Observe directions on label and instructions for use.

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.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Store at room temperature.

### **7.3 Specific end use(s)**

No information available at present.

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

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### **8.2 Exposure controls**

#### **8.2.1 Appropriate engineering controls**

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

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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.

### 8.2.2 Individual protection measures, such as personal protective equipment

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.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles (EN 166) with side protection, with danger of projections.

Skin protection - Hand protection:

Normally not necessary.

Protective hand cream recommended.

Skin protection - Other:

Usual protective working garments

Respiratory protection:

Normally not necessary.

Thermal hazards:

If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

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

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

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.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.2.3 Environmental exposure controls

No information available at present.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	According to specification
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	6-8
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	n.a.
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	Not determined
Bulk density:	n.a.
Solubility(ies):	Not determined
Water solubility:	Not determined
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Product is not explosive.
Oxidising properties:	No

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## 9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

See also Subsection 10.4 to 10.6.  
 The product has not been tested.

### 10.2 Chemical stability

See also Subsection 10.4 to 10.6.  
 Stable with proper storage and handling.

### 10.3 Possibility of hazardous reactions

See also Subsection 10.4 to 10.6.  
 No dangerous reactions are known.

### 10.4 Conditions to avoid

See also section 7.  
 None known

### 10.5 Incompatible materials

See also section 7.  
 No dangerous reactions are known.  
 None known

### 10.6 Hazardous decomposition products

See also Subsection 10.4 to 10.6.  
 See also section 5.3  
 No decomposition when used as directed.

## SECTION 11: Toxicological information

The product was not tested.  
 Classification according to calculation procedure.

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Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:				---		n.d.a.
Acute toxicity, by dermal route:				---		n.d.a.
Acute toxicity, by inhalation:				---		n.d.a.
Skin corrosion/irritation:				---		n.d.a.
Serious eye damage/irritation:				---		n.d.a.
Respiratory or skin sensitisation:				---		n.d.a.
Germ cell mutagenicity:				---		n.d.a.
Carcinogenicity:				---		n.d.a.
Reproductive toxicity:				---		n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):				---		n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):				---		n.d.a.
Aspiration hazard:				---		n.d.a.
Respiratory tract irritation:				---		n.d.a.
Repeated dose toxicity:				---		n.d.a.
Symptoms:				---		n.d.a.

### Fatty alcohol ethoxylates

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Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	1140	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>4000	mg/kg	Rat		
Skin corrosion/irritation:				---	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				---	OECD 405 (Acute Eye Irritation/Corrosion)	Intensively irritant
Respiratory or skin sensitisation:				---	OECD 406 (Skin Sensitisation)	Not sensitising

## SECTION 12: Ecological information

The product was not tested.

Persistence and degradability:

The surfactant(s) contained in this mixture 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.

According to the recipe, contains no AOX.

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Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:							n.d.a.
Toxicity to daphnia:							n.d.a.
Toxicity to algae:							n.d.a.
Persistence and degradability:							n.d.a.
Bioaccumulative potential:							n.d.a.
Mobility in soil:							n.d.a.
Results of PBT and vPvB assessment							n.d.a.
Other adverse effects:							n.d.a.

### Fatty alcohol ethoxylates

Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	10-100	mg/l	(Leuciscus idus)		
Toxicity to daphnia:	EC50	48h	10-100	mg/l			
Toxicity to algae:	EC50	72h	10-100	mg/l		DIN 38412 T.9	
Persistence and degradability:		28d	>60	%		OECD 301 B (Ready Biodegradability - Co2 Evolution Test)	
Other ecotoxicological data:	BOD	30d	1650	mg/g			
Other ecotoxicological data:	COD		2500	mg/g			

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

EC disposal code no.:

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

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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

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**

Pay attention to local and national official regulations

Empty container completely.

Uncontaminated packaging can be recycled.

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

Recommended cleaner:

Water

**SECTION 14: Transport information**

**General statements**

UN number: n.a.

**Transport by road/by rail (ADR/RID)**

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Classification code: n.a.

LQ (ADR 2011): n.a.

LQ (ADR 2009): n.a.

Environmental hazards: Not applicable

Tunnel restriction code:

**Transport by sea (IMDG-code)**

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Marine Pollutant: n.a.

Environmental hazards: Not applicable

**Transport by air (IATA)**

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Environmental hazards: Not applicable

**Special precautions for user**

Unless specified otherwise, general measures for safe transport must be followed.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Non-dangerous material according to Transport Regulations.

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

For classification and labelling see Section 2.

Observe restrictions: n.a.

VOC (1999/13/EC): 0,2% w/w

**15.2 Chemical safety assessment**

No information available at present.

**SECTION 16: Other information**

These details refer to the product as it is delivered.

F00117

Revised sections: n.a.

The following statements are the indicated R-phrases / H-phrases and classification codes (GHS/CLP) for the ingredients (listed in Section 3).

22 Harmful if swallowed.

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41 Risk of serious damage to eyes.  
H302 Harmful if swallowed.  
H318 Causes serious eye damage.

Acute Tox.-Acute toxicity - oral  
Eye Dam.-Serious eye damage

### 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)  
VOC = Volatile organic compounds  
AOX = Adsorbable organic halogen compounds  
ATE = Acute Toxicity Estimates according to Regulation (EC) 1272/2008 (CLP)

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**

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