

## EU Safety Data Sheet

According to EC Directive 2001/58/EC

Date of issue: 20<sup>th</sup> of April 2006

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### 1. Material/preparation and company designation

#### 1.1 Product details

1.2 Trade name : Window Cleaning Soap FR100/FR110/0400/FR500/95542D

#### 1.3 Use of the preparation

Glass cleaner

#### 1.4 Manufacturer/supplier information

1.4.1 Manufacturer : Unger Germany GmbH

1.4.2 Street/PO Box : Dellenfeld 35

1.4.3 Postcode/City : D-42653 Solingen

1.4.4 Phone : 0212-2207136

1.4.5 Fax : 0212-2207137

#### 1.5 Information contact

1.5.1 Information : Mr Putsch

1.5.2 Phone/consulting: 0212 2207136

### 2. Composition/data of ingredients

#### Content data in accordance with 648/2004/EC

5-15% non-ionic tensides

<5% amphoteric tensides

in addition scents, alcohols

#### Hazardous ingredients

Chemical name	%	CAS-No.	Einecs-Elinec	Hazard symbol	R-clauses
Fatty alcohol polyglycol ether	5-15	69011-36-5	Polymer	Xn	22,41
Cocamidopropylbetain	<5	61789-40-0	263-058-8	Xi	36
2-propanol	5-10	67-63-0	200-661-7	F, Xi	11,36,67

### 3. Possible hazards

The preparation is not dangerous in the sense of the directive 1999/45/EC

3.1 For humans : none with correct use

3.2 For the environment : none

### 4. First aid measures

4.1 Inhalation : breathe fresh air

4.2 Eye contact : rinse with generous amounts of water for 3 minutes

4.3 Skin contact : wash thoroughly with water

4.4 Swallowing : do not vomit, seek medical advice

4.5 Information for the doctor : consult a doctor if the symptoms persist

**5. Fire fighting measures**

- 5.1 Suitable extinguisher : water jet, carbon dioxide, foam and extinguishing powder  
 5.2 Unsuitable extinguisher : not applicable  
 5.3 Special safety equipment : not required

**6. Measures in case of accidental release**

- 6.1 Personal measures : wear safety gear. Change out of soiled clothes.  
 6.2 Environmental measures : do not allow it to get into the surface water/ground water  
 6.3 Method for cleaning/absorbing : clear up with a liquid binding material (sand, siliceous earth)

**7. Handling and storage**

- 7.1 Handling  
 7.1.1 Notes on safe handling : keep containers closed  
 7.2.1 Storage  
 7.2.1 Requirements for storerooms : none  
 7.2.2 Instructions for common storage : no restrictions

**8. Exposure limits and personal safety equipment**

- 8.1 Technical protection measures : not required  
 8.2 Ingredients with workplace related limit values  
 8.2.1 Designation of substance/TRGS 900 : 2-propanol/CAS no. 67-63-0/980 mg/m3

**8.3 Personal safety equipment**

- 8.3.1 Work hygiene : take off soiled clothing  
 8.3.2 Breathing protection : not required  
 8.3.3 Hand protection : not required  
 8.3.4 Eye protection : not required  
 8.3.5 Body protection : not required

**9. Physical and chemical properties**

- Form : liquid  
 Colour : green  
 Smell : perfumed

Change in state / boiling point, °C	: 80	starts boiling
Density	g/ml (20 °C)	: 0.98 DIN 51757
Steam pressure	mbar (20 °C)	: 40 DIN 51640
Viscosity	mPas (25 °C)	: approx. 150 dynamic, Brookfield
pH value undiluted	(20 °C)	: 8 DIN 19261
pH value 1%	(20 °C)	: 7.5
Flashpoint	( °C)	: 53 DIN 51376
Ignition temperature	( °C)	: unknown EG A.16
Explosion limits	vol.% upper	: unknown DIN 51649
	vol.% lower	: unknown DIN 51649
Water solubility	(20 °C)	: unlimitedly mixable

**10. Stability and reactivity**

- 10.1 Conditions to be avoided : heating above 70 °C  
 10.2 Substances to be avoided : none known in the planned area of application  
 10.3 Dangerous decomposition products: none  
 10.4 Miscellaneous : no known dangerous decomposition products

**11. Notes on toxicology**

- 11.1 Toxicity : LD50 rat oral >2000mg/kg  
 11.2 Irritation of the skin : none  
 11.3 Irritation of the eyes : weak  
 11.4 Experience with humans : no previous negative effects (sensitisation) known

**12. Notes on ecology**

- 12.1 Biodegradability : the tensides contained in the preparation fulfill the conditions for biodegradability as prescribed in the EC 648/2004 regulations re detergents  
 12.2 Acute fish toxicity : LC 50 : 10-<100 mg product/l  
 12.3 Acute bacteria toxicity : EC0 : <100 mg product/l  
 12.4 Algae toxicity : EC 50 : not determined

**13. Information on disposal**

- 13.1 Product : consult manufacturer about recycling or use properly. Must be disposed of properly in accordance with the special disposal regulations.  
 13.2 Packaging uncleaned : clean with water. Consult supplier for taking back.  
 13.3 EC waste code AVV (Waste Register Directive) product : 20 01 30 (cleaning agent)  
 13.5 EC waste code AVV (Waste Register Directive) packing : 20 01 39 (plastic)

**14. Transport regulations****General information**

UN number n.a.

**14.1 Road/rail transport (GGVSE/ADR/RID)**

Class/packing group n.a.  
 Classification code n.a.  
 LQ n.a.

**14.2 Transport on board ship**

GGVSee/IMG code n.a.  
 EmS No. n.a.  
 Marine pollutant n.a.

**14.3 Transport on board aeroplane**

IATA (class/sub-hazard/packing group) n.a.

**14.4 Transport/other data**

not a hazardous product in the sense of transport regulations.  
 Does not self-combust.

## 15. Specifications

### 15.1 Identification according to Hazardous Goods Act and EC Directives 67/548/EEC, 1999/45/EC

15.1.1 Symbol	: none
15.1.2 Hazard designation	: none
15.1.3 R-clauses	: none
15.1.4 S-clauses	:

### 15.2 National regulations

15.2.1 Employment restrictions	: observe directive 94/33/EC for children and young people.
15.2.2 Solvent (VOC) as per 1999/13/EC	: 5% 2-propanol
15.2.3 Water hazard class	: WGK2 : water-hazardous ; Attachment 2 Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes (VwVwS), Mixing rule

## 16. Other information

### Wording of the R-clauses (cf Section 2)

R11	highly inflammable
R22	damaging to health if ingested
R36	irritates the eyes
R41	danger of serious eye damage
R67	fumes can cause drowsiness and giddiness

### Further information

We will gladly provide further information. The data here are based on the present state of our knowledge and the product in the state as delivered.