

UNGER GERMANY GMBH
Solingen

SAFETY DATA SHEET

In compliance with EC Directive 91/155/EEC

Date of printing: 22 February 2002

Revised 10 January 2001

1. Substance/preparation and company designation

1.1 Details of product

1.1.1 Trade name Window Cleaning Soap

1.2 Details of manufacturer/supplier

1.2.1 Manufacturer Unger Germany GmbH

1.2.2 Road/P.O. Box Lotharstr. 7-9

1.2.3 Post code/town D-42655 Solingen

1.2.4 Telephone No. 0212/2207-0

1.2.5 Fax No. 0212/2207-222

1.3 Information source

1.3.1 Information Mr. Reuling

1.3.2 Telephone No. 0212/2207-138

1.3.3 Emergency No./Advice 0212/2207-138

2. Composition/details of ingredients

2.1 Chemical characterization (preparation)

Preparation based on amphoteric and nonionic surfactants, alcohol, coloring material and odorous substances

2.2 Dangerous ingredients

	%	CAS No.	Danger symbol	R rates
Anionic surfactants	5-15	69011-36-5	Xi	36/38
Amphoteric surfactants	<5	61789-40-0	Xi	36
2-propanol	5-15	67-63-0	F	11

3. Possible dangers

3.1 To human being None

3.2 To the environment None

4. First aid

4.1 Inhalation Inapplicable

4.2 Eye contact Rinse thoroughly with water

4.3 Skin contact Wash with water

4.4 Ingestion Drink water, do not induce vomiting, consult doctor immediately

4.5 Information for doctor Possible symptoms: stomach and intestinal disorders

5. Fire-fighting

5.1	Suitable fire-inhibiting media	Water, carbon dioxide, foam and powder
5.2	Unsuitable fire-inhibiting media	Inapplicable
5.3	Special protective gear	Not necessary

6. Action in the event of accidental product release

6.1	Personal action	Immediately remove contaminated clothing
6.2	Environmental protection action	Do not allow product to enter surface waters/ground water
6.3	Processes for cleaning/removal	Remove mechanically. Dispose of the removed substance in accordance with regulations.

7. Handling and storage**7.1 Handling**

7.1.1	Advice on safe handling	Not necessary
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7.2 Storage

7.2.1	Requirements to be met by storage rooms	None
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8. Exposure limits and personal protective gear**8.1 Technical protective measures**

None

8.2 Ingredients subject to limits at the place of work

8.2.1	Substance	2-propanol
	Max. concentration at place of work mg/m ³	980

8.3 Personal protective gear

8.3.1	Industrial hygiene	Not necessary
8.3.2	Respiratory protection	Not necessary
8.3.3	Hand protection	Not necessary
8.3.4	Eye protection	Not necessary
8.3.5	Body protection	Not necessary

9. Physical and chemical properties

Form	Liquid
Color	Yellowish
Odour	Faint
Change of state/boiling point °C	80 Start of boiling

Density	g/ml	(20°C)	0.98	DIN 51757
Vapor pressure	mbar	(20°C)	40	DIN 51640
Viscosity	mPas	(25°C)	150	Dynamic, Brookfield
pH, undiluted		(20°C)	8	DIN 19261
pH, 5% solution		(20°C)	7.5	
Flash point		(°C)	None	DIN 51376
Ignition temperature		(°C)	Irrelevant	EC A.16
Explosion limits	upper	(°C)	Irrelevant	DIN 51649
	lower	(°C)	Irrelevant	DIN 51649
Water-solubility		(20°C)		Unlimited miscibility

10. Stability and reactivity

10.1	Conditions to be avoided	Heating above 100°C
10.2	Substances to be avoided	None known within envisaged range of applications
10.3	Dangerous products of decomposition	No decomposition if correctly used

11. Information on toxicity

The toxicity of the preparation has not been tested. Animal experiments to test cleaning agents and detergents are prohibited by law. The following details have been calculated with the proposed conventional method in accordance with Directive 88/379/EEC:

11.1	Toxicity	Relatively nontoxic
11.2	Irritation of the skin	Slight
11.3	Irritation of the eye	Slight
11.4	Experience with humans	No negative effects (sensitization) known to date

12. Ecological details

12.1	Water hazard class	1 (self-classification in accordance with VCI concept)
12.2	Biodegradability	Readily degradable in accordance with OECD criteria
12.3	COD value mg O ₂ /g	Not tested
12.4	BOD value mg O ₂ /g	Not tested
12.5	AOX	Does not contain any AOX compounds
12.6	Heavy metals in accordance with 76/464/EEC	None

13. Advice on disposal

13.1	Product	Dilute liquid can be disposed in the drains. Undiluted liquid back to the vendor.
13.2	Uncleaned packages	Uncontaminated packages can be disposed of as domestic waste
13.3	Waste code	54902

14. Transport regulations**14.1 Designation of product** Preparation

		Class	No./Letter	
14.2	Road transport of dangerous goods ADR/RID	–	–	
		Class	No./Letter	Category
14.3	Inland waterway transport of dangerous goods ADN/ADNR	–	–	–
		Class	UN No.	
14.4	Sea transport of dangerous goods IMDG	–	–	
		Class	UN ID No.	
14.5	Air transport of dangerous goods ICAO/IATA	–	–	
14.6	Transport/further details	Not dangerous goods as defined in the regulations		

15. Regulations**15.1 Identification according to Dangerous Goods Regulation of 26.10.93 (Federal Gazette IS.1782) in accordance with EC Directives**

15.1.1	Symbol	None
15.1.2	Danger designation	None
15.1.3	Ingredients	<20% Xi ingredients
15.1.4	R rates	None
15.1.5	S rates	None

15.2 National regulations

15.2.1	Employment restrictions	None according to § 15b Dangerous Goods Regulation
15.2.2	Industrial Accident Regulation	None
15.2.3	Classification according to Regulation on Combustible Liquids	None
15.2.4	Clean Air Directive	None
15.2.5	Water Hazard Class	1

16. Other details

We would be happy to supply further details. The information supplied is based on the current state of our knowledge and on the product in its as-supplied state.