

Unger – Easy Glide
Material Safety Data Sheet

Henry M. Unger GMBH
Solingen
SAFETY DATA SHEET
In compliance with EC Directive 91/155/EEC
Date of printing: 22 February 2002
Revised: 10 January 2001

Substance / Preparation and Company Designation

Details of Product

Trade Name: Window Cleaning Soap

Details of manufacturer/supplier

Manufacturer: Henry M. Unger GMBH
Road/P.O. Box: Lotharstr. 7-9
Post code/town: D-42655 Solingen
Telephone number: 0212/2207-0
Fax Number: 0212/2207138

Information Source

Information: Mr. Reuling
Telephone Number: 0212/2207-138
Emergency Number/Advice: 0212/2207-138

Composition / Details of Ingredients

Chemical characterization (preparation)

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

Dangerous ingredients	%	CAS #	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

Possible Dangers

To man: None
To the Environment: None

First Aid

Inhalation: Inapplicable
Eye Contact: Rinse thoroughly with water
Skin Contact: Wash with water
Ingestion: Drink water, do not induce vomiting, consult doctor immediately
Information for Doctor: Possible symptoms: stomach and intestinal disorders.

Fire – Fighting

Suitable fire-inhibiting media: Water, carbon dioxide, foam and powder

Unsuitable fire-inhibiting media: Inapplicable
Special Protective gear: Not Necessary

Action in the Event of Accidental Product Release

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

Handling and Storage

Handling:
Advise on safe handling not necessary
Storage:
Requirements to be met by storage rooms: None

Exposure Limits and Personal Protective Gear

Technical protective Measures: None
Ingredients subject to limits at the place of work:
Substance: 2-prpanol
Max. Concentration at place of work mg/m³: 980
Personal Protective gear:
Industrial hygiene: Not Necessary
Respiratory protection: Not Necessary
Hand protection: Not Necessary
Eye protection: Not Necessary
Body protection: Not Necessary

Physical and Chemical Properties

Form: Liquid
Color: Yellowish
Odor: Faint
Change of state boiling point: 80C at start of boiling point

Density	g/ml	(20 deg. C)	0.98	DIN 51757
Vapor pressure	mbar	(20 deg. C)	40	DIN 51640
Viscosity	mPas	(25 deg. C)	150	Dynamic, Brookfield
PH. Undiluted	(20 deg. C)	8	DIN 19261	
PH .5% solution	(20 deg. C)	7.5		
Flash Point	(deg. C)	None	DIN 51376	
Ignition temperature	(deg C)	Irrelevant	EC A.16	
Explosion limits	upper	(deg. C)	Irrelevant	DIN 51649
	Lower	(deg. C)	Irrelevant	DIN 51649
Water – solubility	(20 deg. C)	Unlimited miscibility		

Stability and Reactivity

Conditions to be avoided heating above 100 deg. C
Substances to be avoided: None known within envisaged range of applications
Dangerous products of decomposition: No decomposition if correctly used

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:

Toxicity: Relatively nontoxic

Irritation of the skin: Slight

Irritation of the eye: Slight

Experience with humans: no negative effects (sensitization) know to date

Ecological Details

Water hazard class: 1 (self – classification is accordance with VCI concept)

Biodegradability: Readily degradable in accordance with OCED criteria

COD value mg. 02/g: not tested

BOD value mg 02/g: Not tested

AOX: Does not contain any AOX compounds

Heavy metals in accordance with 76/464/EEC: None

Advice on Disposal

Product: Dilute liquid can be disposed in the drains. Undiluted liquid back to the vendor.

Uncleaned packages: Uncontaminated packages can be disposed of as domestic waste.

Waste code: 54902

Transport Regulations

Designation of Product Preparation

	Class	No./Letter
Road Transport of dangerous goods ADR/RID	-	-
Inland waterway transport of dangerous goods AND/ADNR	-	-
Sea transport of dangerous goods IMDG	-	-
Air transport of dangerous goods ICAO/IATA	-	-
Transport/further details	Not dangerous goods as defined in the regulations	

Regulations

Identification according to dangerous goods regulation of 26.10.93 (Federal Gazette

IS.1782) in accordance with EC Directives

Symbol: None

Danger designation: None

Ingredients <20% Xi ingredients

R rates: None

S rates: None

National Regulations

Employments restrictions: None according to 15b Dangerous Goods Regulation

Industrial Accident: Regulation None

Classification according to regulation on combustible liquids: None

Clean air directive: None

Water Hazard Class: 1

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.