



EU SAFETY DATA SHEET in accordance with EU-Directive 2001/58/EC

Latest update 04/04/2004

HAND SOAP

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade name HAND SOAP
Supplier details ECOVER BELGIUM NV
Address Industrieweg 3, 2390 Malle, Belgium
Telephone +32 (0)3 309 25 00 Fax +32 (0)3 311 72 70
Emergency phone +32 (0)70 245 245
Telephone manager on guard +32 0473 94 49 97
Composition Cleaning agent for hands

2. COMPOSITION/INFORMATION ON THE INGREDIENTS

Ingredients according to 67/548/EEC	% w/w	Symbol	CAS / EINECS-ELINCS
Anionic detergent	5-15	Xi;R36/38	
Non-ionic sugar detergent	1-5	Xi;R41	
Non-ionic sugar detergent	1-5	Xi;38-41	

3. HAZARDS IDENTIFICATION

Fire No specific risks when used normally.
Inhalation No specific risks when used normally.
Skin contact Prolonged skin contact with neat product may cause dehydration of the skin.
Eye contact Irritation, redness, pain.
Ingestion Stomachache, diarrhoea and vomiting.

4. FIRST AID MEASURES

Inhalation No specific recommendations.
Skin contact Rinse with water.
Eye contact Rinse immediately and for a long time with plenty of water (also assure adequate flushing under the eyelids and if possible after having removed contact lenses). Seek medical attention if the irritation persists.
Ingestion Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water on his own. Administer 100 mg of Dimeticon within 1 hour. Same treatment in case of ingestion of > 60 ml and seek medical attention immediately.
Workplace equipment No specific recommendations.
Hints for the physician Treat symptomatically if heavy vomiting and diarrhoea persist (water and electrolyte).



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5. FIRE-FIGHTING MEASURES	
Suitable fire extinguishing media	All extinguishing agents are allowed in case of fire in the immediate surroundings.
Non suitable media	None.
Special exposure hazards	None.
Protection against fire and explosions	Observe normal precautions for handling chemicals. For personal protection see also § 8.
6. ACCIDENTAL RELEASE MEASURES	
Environmental precaution	Do not allow concentrated or diluted product to enter the soil or surface water.
Methods for cleaning up	Recover spilled material as much as possible in a clean container for reuse. Large amounts of spilled product must be collected with a squeegee and disposed of as chemical waste according to applicable regulations. Rinse away remainder with water.
Personal precaution	Spilled product may render the floor slippery. Avoid contact with unprotected skin and eyes. Wear protective clothing (see § 8).
7. HANDLING AND STORAGE	
Handling	Wear suitable gloves (neoprene, natural rubber or nitrile rubber) in case of frequent contact with undiluted product.
Fire-and explosion protection	No specific recommendations.
Storage	Store in a cool and frost-free place, out of reach of children
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Skin protection	Wear waterproof gloves (neoprene, natural rubber or nitrile rubber) when taking up intensively material which is accidentally released.
Eye protection	No specific recommendations.
Respiratory protection	No specific recommendations.
Environment protection see § 6	
<u>Ingredients with limit values regarding the working area</u>	



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9. PHYSICAL AND CHEMICAL PROPERTIES				
Appearance	liquid	Relative density 20°C	1,04	kg/l
Colour	nacreous white	pH conc 20°C	6	pH 1% -
Odour	lavender	Viscosity 25°C Brookfield LVT	7000	mPa.s
Flash point	>100°C	Solubility in water 20°C	complete	
Self-ignition temperature	Not determined.			
Oxydation properties	None.			
10. STABILITY AND REACTIVITY				
Stability	No decomposition under normal conditions of storage and use.			
Conditions to avoid	Do not store <0°C and >40°C.			
Materials to avoid	Do not mix with other cleaning products.			
Hazardous decomposition products	No dangerous decomposition products known.			
11. TOXICOLOGICAL INFORMATION		<i>Evaluation</i>		
Skin irritation (RBC test: Denaturation Index)	31 % (Sodiumdodecylsulphate = 100%)			
Eye irritatie (RBC test: Mean Indices Ocular Irritancy)	17.4			
Remark				
- Skin	Not or only slightly irritant due to the composition of the material.			
- Eye	Hardly irritant.			
- Oral	Hardly toxic (LD 50 rat-ori-theo 5000-15000 ppm).			
Sensibilisation	To the best of our knowledge, this product contains no sensitizing raw materials.			
Remark	Contains only ELINCS or EINECS registered raw materials and does not contain any ingredients known to be mutagenic, carcinogenic, teratogenic or reproduction toxic (R45,46,47,49,60,61,63,64, EU 97/C234, 67/548/EEC, 88/379/EEC, OSHA, NTP, IARC/ARAB (cat 1-3))			



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12. ECOLOGICAL INFORMATION		Evaluation
Biodegradation acc. to Sapromat respirometry test (OECD 301F)	100 %	completely biodegradable
Biodegradation acc. to Coupled Units test (OECD 303A)	%	not tested
Biodegradation acc. to Stable Metabolite test	%	not tested
Daphnia toxicity (Daphnia magna) EC 50 48h OECD 202	61,5 ppm	moderate toxic
Rotifer toxicity (Brachionus calyciflorus) EC50 24h ASTM E1440-91	>100 ppm	hardly not toxic
Algal toxicity (selenastrum capricornutum) EC50 72h OECD 201	73 ppm	moderate toxic
Bacterial toxicity EC 50 (Microtox EC50 15min) DIN 38-412-L34	ppm	not tested
<u>Remarks</u>	Ecover products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components. The surface active components used in this product fulfill all of the biodegradability requirements in line with EU directives 73/404 and 73/404 (and their amendments).	
13. DISPOSAL CONSIDERATIONS		
Product	Waste of this product is considered chemical waste. The legislation concerning disposal of waste can differ from one country/state to another. The disposal should therefore be done according to national or local waste legislation. If in doubt, ask the local waste management authority for advice. (also see § 6 and § 8 when disposing of).	
Packaging	Cleaned empty packaging (including labels and caps) of this product is fully recyclable (HDPE + PE). Empty (and cleaned) packaging may be collected selectively for recycling according to national or local waste legislation. Uncleaned packaging should be disposed of as chemical waste. The empty packaging is not subject to ADR.	
14. TRANSPORT INFORMATION		
This product is not subject to ADR regulations.		
<u>Road transport</u>		
ADR/RID	Class	Number
UN N°		
ADR Symbol		



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15. REGULATORY INFORMATION

Symbols

None.

R-phrases

R- Without any risks for man and environment acc. to directive 1999/45/EEC

S-phrases

S2 Keep out of reach of the children.

WGK classification (Germany) Not generally hazardous to water.

16. OTHER INFORMATION

For correct use of this product: see Technical Data Sheet

Consulted literature

MSDS and additional literature data of the respective suppliers.

Chemiekaarten, 12th edition, 1997, ed. MIA, VMCI, Samson

Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www

This information herein only regards the product mentioned in § 1 and does not necessarily apply to its use combined with any other product(s) or specific process. This information is accurate and complete to our best current knowledge and is presented in good faith but without any warranty, express or implied. It remains the responsibility of the user to ensure himself this information is applicable and complete with respect to the intended use.

Revision of former version 01/02/2003. Changes in relation to the former version were made in headings: §1, §2, § 6, §8, §12, §13, §15.