

**A13****CODE: 32107585****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : A13  
Type of product : Liquid.  
Use : Degreaser.  
For professional use only.  
Company identification : Ecover Belgium NV  
Industrieweg 3  
2390 Malle Belgium  
Phone : +32 (0)3 309 25 00  
Fax : +32 (0)3 311 72 70  
Emergency phone nr : +32 (0)70 245 245 (Antipoison Centre Belgium)  
Responsible for placing on the market : See address above.

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

Substance / Preparation : Preparation.  
Composition : This product contains hazardous components (Directive 67/548/EEC).  
Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:

Substance name	Contents	CAS No	EC No	Index No	Classification
Alcohol(C9-11)EO(10-20)	: Between 1 and 10 %	68439-46-3	----	----	Xn; R22 Xi; R41
Alkyl Poly Glycoside C8-14	: Between 1 and 10 %	141464-42-8	----	----	Xi; R38-41
Ethanol	: Between 1 and 10 %	64-17-5	200-578-6	603-002-00-5	F; R11
Sodium metasilicate, pentahydrate	: Between 1 and 10 %	10213-79-3	229-912-9	----	C; R34 Xi; R37

INCI : C9-11 PARETH-3  
Coco glucoside  
ALCOHOL  
SODIUM METASILICATE

**3 HAZARDS IDENTIFICATION**

Hazards identification : According to the Preparation Directive 1999/45/EC this product is classified as:  
Irritating.  
Risk Phrases : R41 : Risk of serious damage to eyes.  
Symptoms relating to use  
- Inhalation : Cough. Sore throat. Shortness of breath.  
- Skin contact : Redness, pain.  
- Eye contact : Redness, pain.  
Risk of damage to eyes.  
- Ingestion : Abdominal pain.  
Nausea.  
Vomiting.

**4 FIRST AID MEASURES**

First aid measures  
- Inhalation : Assure fresh air breathing. Rest.  
- Skin contact : Rinse affected area thoroughly with water to remove concentrated product.  
Remove contaminated clothing.  
Seek medical attention if ill effect or irritation develops.  
- Eye contact : Rinse immediately and for at least 15 minutes with copious amounts of water (also assure adequate flushing under the eyelids and if possible after having removed contact lenses). Bring the victim to an ophthalmist.

**A13****CODE: 32107585****4 FIRST AID MEASURES (continued)**

- Ingestion : Wash out mouth and do not induce vomiting! Let the victim drink 2 glasses of water on his own.  
Seek medical attention immediately.
- Note to physician : No specific recommendations.
- Workplace equipment : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**5 FIRE-FIGHTING MEASURES**

- Specific hazards : None.
- Extinguishing media
- Suitable extinguishing media : All extinguishing media can be used.
- Unsuitable extinguishing media : None.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.  
See Heading 8.
- Special procedures : Exercise caution when fighting any chemical fire.

**6 ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Spill area may be slippery.  
Avoid contact with skin and eyes.  
Equip cleanup crew with proper protection.  
See Heading 8.
- Environmental precautions : Avoid release to the environment. Prevent entry to sewers and public waters.
- Clean up methods : Recover spilled material as much as possible in a clean container for reuse. Spilled product must be collected with sand or an inert absorbent material and dispose of as chemical waste. Rinse away remainder with water.

**7 HANDLING AND STORAGE**

- Protection against fire : Not expected to be a fire/explosion hazard under normal conditions of use.
- Storage : Store in a cool and frost-free place in a closed packaging.
- Handling : Avoid contact with skin and eyes.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Personal protection
- Skin protection : Wear waterproof gloves when using or handling this product. Wear alkaline protective clothing when vaporizing.
- Eye protection : Wear acid protective goggles if there is a risk of splashing and when vaporizing.
- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Environment protection see § 6
- Occupational Exposure Limits : Ethanol : MAC [mg/m<sup>3</sup>] : 1900  
Ethanol : MAC [ppm] : 1000

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state at 20 °C : Liquid.
- Colour : Brown.
- Odour : Odourless.
- pH value (concentrated product) : 12,8

**A13****CODE: 32107585****9 PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Density	: 1,05
Viscosity at 25°C [mPa.s] (Brookfield LVT)	: <50
Solubility in water	: Complete.
Flash point [°C]	: >100
Volatile Organic Compounds (%)	: 3.49
Explosion limits	: None.
Oxidising properties	: None.

**10 STABILITY AND REACTIVITY**

Stability and reactivity	: No decomposition under normal conditions of storage and use.
Conditions to avoid	: Do not store <0°C and >40°C.
Materials to avoid	: Acids.
Hazardous decomposition products	: None under normal conditions.

**11 TOXICOLOGICAL INFORMATION**

Skin irritation (RBC test: Denaturation Index) (ppm)	: 194 (irritating).
Evaluation of the security for the human health	
- Dermal	: Irritating.
- Ocular	: Risk of serious damage to eyes.
- Ingestion	: Hardly toxic (LD 50 rat-oral-theoretical 5000-15000 ppm).
Sensitization	: To the best of our knowledge, this product contains no sensitizing raw materials.
Note	: 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)).

**12 ECOLOGICAL INFORMATION**

Ecological effects information	
Biodegradation [%] Sapromat respirometry test (OECD 301 F)	: 87 Biodegradable.
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: > 1000 Not toxic.
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 19 Slightly toxic
Remarks	: Ecover Professional 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 of EC regulation 648/2004.

**13 DISPOSAL CONSIDERATIONS**

General	: Dispose in a safe manner in accordance with local/national regulations.
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).

**A13****CODE: 32107585****13 DISPOSAL CONSIDERATIONS (continued)**

**Packaging** : The empty packaging should be disposed of chemical waste according to national or local waste legislation. Empty packaging is not subject to ADR.

**14 TRANSPORT INFORMATION**

**General information** : Not classified.

**15 REGULATORY INFORMATION**

**Symbol(s)**



**R Phrase(s)** : R41 : Risk of serious damage to eyes.

**S Phrase(s)** : S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 : Wear eye/face protection.

**16 OTHER INFORMATION**

**Training advice** : For correct use of this product: see Technical Data Sheet.

**List of relevant R phrases (heading 2)** : R11 : Highly flammable.  
R22 : Harmful if swallowed.  
R34 : Causes burns.  
R37 : Irritating to respiratory system.  
R38 : Irritating to skin.  
R41 : Risk of serious damage to eyes.

**Sources of key data used** : MSDS and additional literature data of the respective suppliers.  
Chemical cards, 21th edition, 2006, ed. MIA, VMCI, Samson  
Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www

**Revision** : First version of this MSDS in this new format.

**Print date** : 24/10/2006

**Further information** : None.

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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