

**A12****CODE: 33102016****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : A12  
Type of product : Liquid.  
Use : For professional use only.  
Alkaline all-purpose cleaner.  
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.  
Components : This product is not hazardous but contains hazardous components.  
Composition : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:  
< 5% : - Anionic surfactants - Nonionic surfactants

Substance name	Contents	CAS No	EC No	Index No	Classification
Ethanol	: Between 1 and 10 %	64-17-5	200-578-6	603-002-00-5	F; R11
Iso-octyl glucoside	: Between 1 and 10 %	54549-23-4	259-216-0	-----	Xi; R41
Alkyl Poly Glycoside C8-10	: Between 1 and 10 %	68515-73-1	POLYMER	-----	Xi; R41
Sodium octyl sulfate	: Between 0.1 and 1 %	142-31-4	205-535-5	-----	Xi; R38-41

INCI : ALCOHOL  
Iso-octyl glucoside  
CAPRYL GLUCOSIDE  
Sodium octyl sulfate

**3 HAZARDS IDENTIFICATION**

Hazards identification : Not classified as dangerous product.  
Symptoms relating to use :  
- Inhalation : No special hazards in normal use. Narcotic effects, dizziness and headaches may occur with high vapour concentrations.  
- Skin contact : Redness.  
- Eye contact : Irritation. Redness, pain.  
- Ingestion : Abdominal pain. Drowsiness. Diarrhea. Nausea. Vomiting. Dizziness.  
Fire hazard : Combustible.  
Above 56°C explosive vapour/air mixtures may be formed.

**4 FIRST AID MEASURES**

First aid measures :  
- Inhalation : Fresh air. 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 a long time with plenty of water. Seek medical attention if the irritation persists. Inadequate first aid may lead to persisting eye complaints.  
- Ingestion : Wash out mouth and do not induce vomiting. Seek medical attention.  
Note to physician : No specific recommendations.  
Workplace equipment : No specific recommendations.

**A12****CODE: 33102016****5 FIRE-FIGHTING MEASURES**

- Specific hazards** : May form flammable/explosive vapour-air mixture.
- Extinguishing media**
- **Suitable extinguishing media** : Powder. Alcoholresistant foam.
  - **Unsuitable extinguishing media** : Do not use a heavy water stream.
- 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** : Keep away from sparks, open fire and oxidising agents. Above 56°C closed equipment, ventilation, explosion safe electrical equipment.  
When using do not smoke.
- Storage** : Store in a cool and frost-free place. Keep away from : Acids. Oxidizing material.
- 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.
  - **Eye protection** : Wear safety goggles when clearing accidentally released material and if there is a risk of splashing.
  - **Respiratory protection** : Ensure sufficient ventilation when taking up intensively material which is accidentally released.
- 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** : Light brown.
- Odour** : Odourless.
- pH value (concentrated product)** : 12
- Density** : 1,03 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT)** : < 50
- Solubility in water** : Complete.
- Flash point [°C]** : 55-100
- Volatile Organic Compounds (%)** : 5.76
- Explosion limits** : Above 56°C explosive vapour/air mixtures may be formed.

**A12****CODE: 33102016****9 PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Oxidising properties : 3.4-19 vol % ethanol vapour can react explosive with air (relative density of the mixture = 1.04).  
: 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. Reacts violently with strong oxidising agents, causing fire and explosion hazard.  
Hazardous decomposition products : None under normal conditions.

**11 TOXICOLOGICAL INFORMATION**

Skin irritation (RBC test: Denaturation Index) (ppm) : 10000 ppm. (not irritating).  
Evaluation of the security for the human health  
- Dermal : Slightly irritating  
- Ocular : Slightly irritating  
- 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) : 100  
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201) : 77 Slightly toxic  
48 Hour EC50 Daphnia magna [ppm] (OECD 202) : > 1000 Not 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**

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 : The empty packaging of this product is not subject to ADR. Cleaned empty packaging (including labels and caps) is fully recyclable (HDPE + PP); they may be collected selectively for recycling according to national or local waste legislation. Uncleaned packaging should be disposed of as chemical waste.

**A12****CODE: 33102016****14 TRANSPORT INFORMATION****General information** : Not classified.**15 REGULATORY INFORMATION****Symbol(s)** : None.  
**R Phrase(s)** : None.  
**S Phrase(s)** : None.  
**EEC Composition of detergents** : < 5% : - Anionic surfactants - Nonionic surfactants**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.  
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, 12th edition, 1997, 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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