

D6**CODE: 311010002****Producer**Ecover Belgium NV
Industrieweg 3
2390 Malle Belgium**1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : D6
Type of product : Liquid.
Use : For professional use only.
Concentrated washing up liquid.
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 contains hazardous components (Directive 67/548/EEC).
Composition : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:
5% - 15% : - Nonionic surfactants
15% - 30% : - Anionic surfactants

Substance name	Contents	CAS No	EC No	Index No	Classification
Fatty Alcohol Sulfate C10-16	: > 10 %	68585-47-7	271-557-7	-----	Xi; R38-41
Alkyl Poly Glycoside C10-16	: > 10 %	110615-47-9	POLYMER	-----	Xi; R38-41
Ethanol	: Between 1 and 10 %	64-17-5	200-578-6	603-002-00-5	F; R11

INCI : SODIUM LAURYL SULFATE
LAURYL POLYGLUCOSE
ALCOHOL

3 HAZARDS IDENTIFICATION

Hazards identification : According to the Preparation Directive 1999/45/EC this product is classified as:
Irritating.
Risk Phrases : R38 : Irritating to skin. R41 : Risk of serious damage to eyes.
Symptoms relating to use
- Inhalation : None under normal conditions.
- Skin contact : Prolonged or repeated contact may cause skin to become dry.
- Eye contact : May cause eye irritation.
- Ingestion : Ingestion may cause nausea, vomiting and diarrhea. Abdominal pain.
Fire hazard : Combustible.
Above 56°C explosive vapour/air mixtures may be formed.

4 FIRST AID MEASURES

First aid measures
- Inhalation : Not relevant.
- 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

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- 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.

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.
- Clean up methods : Recover usable material in a clean closable container for reuse. Sweep up contaminated material and dispose of as chemical waste. Remove the 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. Keep away from :
Oxidizing agent. Acids.
- Handling : Avoid contact with skin and eyes.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection
- Skin protection : Wear waterproof gloves when taking up intensively material which is accidentally released. Persons with a sensitive skin are also recommended to wear waterproof gloves.
- Eye protection : Wear safety goggles when clearing accidentally released material.
- Respiratory protection : Ensure sufficient ventilation when taking up intensively material which is accidentally released.
- Environment protection see § 6
- Occupational Exposure Limits : Ethanol : MAC [mg/m³] : 1900
Ethanol : MAC [ppm] : 1000

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C : Liquid.
- Colour : Slightly yellow.
- Odour : Odourless.
- pH value (concentrated product) : 7
- Density : 1,06 kg/l

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Viscosity at 25°C [mPa.s] (Brookfield LVT)	: 1000
Solubility in water	: Complete.
Flash point [°C]	: 55-100
Volatile Organic Compounds (%)	: 6.2
Explosion limits	: Above 56°C explosive vapour/air mixtures may be formed. 3.4-19 vol % ethanol vapour can react explosive with air (relative density of the mixture = 1.04).
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)	: 178 (irritating).
Evaluation of the security for the human health	
- Dermal	: Irritation due to the composition.
- Ocular	: Irritation due to the composition.
- Ingestion	: Hardly toxic (LD 50 rat-oral-theoretical 5000-15000 ppm).
Sensitization	: This product contains sensitizing fragrance components > 100 ppm: Citral (CAS 5392-40-5), d-Limonene (CAS 5989-27-5). "May produce an allergic reaction".
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)	: 90 Biodegradable.
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: 13 Slightly toxic
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 46 Slightly toxic
Rotifer toxicity (Brachionus calyciflorus) EC50 24h (ppm) (ASTM E1440-91)	: 16 Slightly toxic
Microbial toxicity EC50 (Microtox EC50 15min) (ppm) (DIN 38-412-L34)	: 13 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.

D6**CODE: 311010002****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).
- 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)** : Xi : Irritant
R38 : Irritating to skin.
R41 : Risk of serious damage to eyes.
- S Phrase(s)** : S25 : Avoid contact with eyes.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- EEC Composition of detergents** : 5% - 15% : - Nonionic surfactants
15% - 30% : - Anionic 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** : Chemiekaarten, 12th edition, 1997, ed. MIA, VMCI, Samson. Occupational Safety and health guideline for ethanalamine OSHA (www). MSDS and additional literature data of the respective suppliers.
Comprehensive guide to chemical resistant best gloves for various amounts of exposure, 1999, ver.3.5 www.
- Print date** : 30/5/2006
- Further information** : None.

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

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