



MATERIAL SAFETY DATA SHEET

According to 2001/58EC

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Revised edition no : 3

Date : 24 / 11 / 2006

Supersedes : 3 / 5 / 2006

Laundry liquid**CODE: 31102201**

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Trade name : Laundry liquid
Type of product : Liquid.
Use : Domestic.
Company identification : ECOVER BELGIUM NV
Industrieweg 3
2390 Malle Belgique-Belgie
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% : - Anionic surfactants
5% - 15% : - Nonionic surfactants - Soap
Perfumes
LINALOOL, CITRONELLOL, LIMONENE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Ethoxylated rapeseed methyl esters	> 10 %	158318-69-5	----	----	Xi; R36
Soap	Between 1 and 10 %	----	----	----	Xi; R36/38
Ethanol	Between 1 and 10 %	64-17-5	200-578-6	603-002-00-5	F; R11
Alkyl Poly Glycoside C10-16	Between 1 and 10 %	110615-47-9	POLYMER	----	Xi; R38-41
Fatty Alcohol Sulfate C10-16	Between 1 and 10 %	68585-47-7	271-557-7	----	Xi; R38-41

INCI : Fatty acid methyl esters ethoxylates
Liquid soap
ALCOHOL
LAURYL POLYGLUCOSE
SODIUM LAURYL SULFATE

3 HAZARDS IDENTIFICATION

* **Hazards identification** : Not classified as dangerous product.
Risk Phrases : None.
Symptoms relating to use
- **Inhalation** : None under normal conditions.
- **Skin contact** : Prolonged or repeated contact may cause skin to become dry or irritated.
- **Eye contact** : Irritation to eyes.
- **Ingestion** : Diarrhea.
Nausea.
Vomiting.
Abdominal pain.

4 FIRST AID MEASURES

First aid measures
- **Inhalation** : Not relevant.
- **Skin contact** : Flush with plenty of water.
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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4 FIRST AID MEASURES (continued)

- 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** : Cool heat-exposed product with water spray.
- Extinguishing media**
- Suitable extinguishing media** : Alcoholresistant foam.
- Unsuitable extinguishing media** : Do not use a heavy water stream.
- Protection against fire** : Exercise caution when fighting any chemical fire.
See Heading 8.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Spill area may be slippery.
Ensure a sparkless environment.
Ensure adequate air ventilation.
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** : Keep away from sparks, open fire and oxidising agents. Above flashpoint (see §9) closed equipment, ventilation, explosion safe electrical equipment.
- Storage** : Store in a cool, well ventilated and fireproof area, in tightly closed original packaging. Do not store in direct sunlight.
Keep out of the reach of children.
- Handling** : Avoid contact with skin and eyes.
Do not smoke while handling product.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection**
- Skin protection** : Wear waterproof gloves when taking up intensively material which is accidentally released (PVC is less suitable). Persons with a sensitive skin are also recommended to wear waterproof gloves when doing a hand-wash.
- Eye protection** : Wear safety goggles when clearing accidentally released material and if there is a risk of splashing.
- Respiratory protection** : None under normal conditions.
- Environment protection see § 6**
- Occupational Exposure Limits** : Ethanol : MAC [mg/m³] : 1900
Ethanol : MAC [ppm] : 1000

Laundry liquid**CODE: 31102201****9 PHYSICAL AND CHEMICAL PROPERTIES**

Physical state at 20 °C	: Liquid.
Colour	: Slightly yellow.
Odour	: Lavender.
pH value (concentrated product)	: 8,5
Density	: 1,05 kg/l
Viscosity at 25°C [mPa.s] (Brookfield LVT)	: 280
Solubility in water	: Complete.
Flash point [°C]	: 47
Volatile Organic Compounds (%)	: 6.06
Explosion limits	: Above flashpoint (see §9) 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	: Heat. Do not store <0°C and >40°C.
Materials to avoid	: Acids. Oxidizing agent.
Hazardous decomposition products	: None under normal conditions.

11 TOXICOLOGICAL INFORMATION

Evaluation of the security for the human health	
- Dermal	: Not or only slightly irritant due to the composition.
- Ocular	: Irritation due to the composition.
- Ingestion	: Hardly toxic (LD 50 rat-oral-theoretic 500-5000 ppm).
Sensitization	: This product contains sensitizing fragrance components > 100 ppm: see § 2 and 15.
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)	: 86 Biodegradable.
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: 80 Slightly toxic
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 185 Hardly toxic.
Remarks	: 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 of EC regulation 648/2004.



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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 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.

14 TRANSPORT INFORMATION

- General information** : Not classified.

15 REGULATORY INFORMATION

- * **S Phrase(s)** : S2 : Keep out of the reach of children.
- EEC Composition of detergents** : < 5% : - Anionic surfactants
5% - 15% : - Nonionic surfactants - Soap
Perfumes
LINALOOL, CITRONELLOL, LIMONENE.

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.
R36 : Irritating to eyes.
R36/38 : Irritating to eyes and skin.
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** : Revision - See : *
- Print date** : 9 / 1 / 2007

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

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