



MATERIAL SAFETY DATA SHEET

According to 2001/58EC

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Revised edition no : 1

Date : 13 / 12 / 2005

Supersedes : 0 / 0 / 0

Fabric softener**CODE: 31105211**

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Trade name : Fabric softener
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 is not hazardous but contains hazardous components.
Composition : Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:
5% - 15% : - Cationic surfactants
Perfumes - Preservatives
LINALOOL, CITRONELLOL.
SORBIC ACID.

Substance name	Contents	CAS No	EC No	Index No	Classification
Dipropyleneglycol Methylether	: Between 1 and 10 %	34590-94-8	252-104-2	----	R10
Perfume	: Between 0.1 and 1 %	----	----	----	R43 N; R51-53
Linalool	: Between 0.01 and 0.1 %	78-70-6	201-134-4	----	
Citronellol	: Between 0.01 and 0.1 %	106-22-9	203-375-0	----	Xi; R38 R43 N; R51-53

INCI : PPG-2 METHYL ETHER
PARFUM
LINALOOL
CITRONELLOL

3 HAZARDS IDENTIFICATION

Hazards identification : Not classified as dangerous product.
Risk Phrases : None.
Symptoms relating to use
- **Inhalation** : None under normal conditions.
- **Skin contact** : Not expected to present a significant skin hazard under anticipated conditions of normal use.
Prolonged or repeated contact may cause skin to become dry.
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- **Ingestion** : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4 FIRST AID MEASURES

First aid measures
- **Inhalation** : Not relevant.
- **Skin contact** : Flush with plenty of water.
- **Eye contact** : Rinse for a long time with cold, running water.



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4 FIRST AID MEASURES (continued)

- Ingestion** : Drink promptly large quantities of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water.
Do not induce vomiting.
- 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** : Exercise caution when fighting any chemical fire.
See Heading 8.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Spill area may be slippery.
Equip cleanup crew with proper protection.
See Heading 8.
- Environmental precautions** : Avoid release to the environment.
- 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.
- Handling** : Wear waterproof gloves in case of frequent contact with undiluted product.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection**
- Skin protection** : Wear waterproof gloves (preferably neoprene or nitrile rubber) in case of intensive use or contact with undiluted product.
- Eye protection** : No specific recommendations.
- Respiratory protection** : None under normal conditions.
- Environment protection see § 6**
- Occupational Exposure Limits** : Dipropylenglycol Methylether : MAC [mg/m³] : 300
Dipropylenglycol Methylether : MAC [ppm] : 50

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C** : Liquid.
- Colour** : White.
- Odour** : Lavender.
- pH value (concentrated product)** : 3
- Density** : 1,00 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT)** : < 25
- Solubility in water** : Complete.

Fabric softener**CODE: 31105211****9 PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Flash point [°C]	: > 100
Volatile Organic Compounds (%)	: 0.2
Explosion limits	: None.
Oxidising properties	: None.

10 STABILITY AND REACTIVITY

Stability and reactivity	: Progressive hydrolysis and concurrent steep viscosity increase make it advisable to use the product within two years.
Conditions to avoid	: Do not store <0°C and >40°C.
Materials to avoid	: Do not mix with other cleaning products.
Hazardous decomposition products	: None under normal conditions.

11 TOXICOLOGICAL INFORMATION

Eye irritatie (RBC test: Mean Indices Ocular Irritancy)	: No data available.
Skin irritation (RBC test: Denaturation Index)	: No data available.
Evaluation of the security for the human health	
- Dermal	: Not or only slightly irritant due to the composition.
- Ocular	: Not or only slightly irritant due to the composition.
- Ingestion	: Hardly toxic (LD 50 rat-oral-theoretic >14000 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)	: 95
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: 132 Hardly toxic.
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 95 Slightly toxic
Rotifer toxicity (Brachionus calyciflorus) EC50 24h (ppm) (ASTM E1440-91)	: 28 Slightly toxic
Microbial toxicity EC50 (Microtox EC50 15min) (ppm) (DIN 38-412-L34)	: 9109 Not 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

- 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

- R Phrase(s)** : None.
- S Phrase(s)** : S2 : Keep out of the reach of children.
- EEC Composition of detergents** : 5% - 15% : - Cationic surfactants
Perfumes - Preservatives
LINALOOL, CITRONELLOL.
SORBIC ACID.

16 OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 2)** : R10 : Flammable.
R38 : Irritating to skin.
R43 : May cause sensitization by skin contact.
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Sources of key data used** : MSDS and additional literature data of the respective suppliers.
- Revision** : First version of this MSDS in this new format.
- 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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