



MATERIAL SAFETY DATA SHEET

According to Regulation (EC) 1907/2006

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Revised edition no : 4

Date : 26 / 8 / 2009

Supersedes : 14 / 7 / 2009

Floor soap**31108001**

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Trade name : Floor soap
Type of product : Liquid.
Use : Domestic.
Company identification : ECOVER BELGIUM NV
Industrieweg 3
2390 Malle Belgique-Belgie
e-mail: : sds@ecover.com
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. HAZARDS IDENTIFICATION

Hazards identification : Not classified as dangerous product.
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.
- **Eye contact** : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- **Ingestion** : Abdominal pain.
Diarrhea. Nausea.
Vomiting.

3. 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:
15% - 30% : - Soap
Perfumes
LIMONENE, CITRAL.

Substance name	Contents	CAS No	EC No	Index No	Classification
Perfume	: Between 0.1 and 1 %	----	----	----	R10 Xi; R38 R43 N; R50-53
Limonene (D-)	: Between 0.1 and 1 %	5989-27-5	227-813-5	601-029-00-7	R10 Xi; R38 R43 N; R50-53
Citral	: Between 0.01 and 0.1 %	5392-40-5	226-394-6	605-019-00-3	Xi; R38 R43
Geraniol	: Between 0.01 and 0.1 %	106-24-1	203-377-1	----	Xi; R38 R43
INCI	: PARFUM LIMONENE CITRAL GERANIOL				



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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.
 - Ingestion : Rinse mouth.
Give water to drink.
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 : Carbon dioxide.
Powder.
 - Unsuitable extinguishing media : Water.
- Protection against fire** : Exercise caution when fighting any chemical fire.
See Heading 8.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Spill area may be slippery.
Avoid contact with skin and eyes.
Equip cleanup crew with proper protection.
- 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.
- Handling** : Wear waterproof gloves (preferably neoprene or nitrile rubber) in case of intensive use or 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 : Wear safety goggles when clearing accidentally released material.
 - Respiratory protection : None under normal conditions.
- Environment protection see § 6**

Floor soap**31108001****9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state at 20 °C	: Liquid.
Colour	: Yellow-brown.
Odour	: Citrus fruits.
pH value (concentrated product)	: 11.25
Density	: 1,02 kg/l
Viscosity	: 680 cP
Solubility in water	: Good.
Flash point [°C]	: > 100
Volatile Organic Compounds (%)	: 0.52
Explosion limits	: No data available.
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	: None.
Hazardous decomposition products	: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Eye irritation (RBC test: Mean Indices Ocular Irritancy)	: 9
Skin irritation (RBC test: Denaturation Index)	: 3% (Sodiumdodecylsulfate= 100%)
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)	: 100
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: 149 Hardly toxic.
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 19.6 Slightly toxic



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12. ECOLOGICAL INFORMATION (continued)

Rotifer toxicity (Brachionus calyciflorus) EC50 24h (ppm) (ASTM E1440-91) : 78 Slightly toxic

Microbial toxicity EC50 (Microtox EC50 15min) (ppm) (DIN 38-412-L34) : 150 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.

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.

Further Phrases : Contains Limonene. May produce an allergic reaction.

EEC Composition of detergents : 15% - 30% : - Soap
Perfumes
LIMONENE, CITRAL.

16. OTHER INFORMATION

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

List of relevant R phrases (heading 3) : R10 : Flammable.
R38 : Irritating to skin.
R43 : May cause sensitization by skin contact.
R50/53 : Very 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.
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.

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The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006



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