



# MATERIAL SAFETY DATA SHEET

## According to 2001/58EC

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Revised edition no : 1

Date : 13 / 12 / 2005

Supersedes : 0 / 0 / 0

**Washing-up liquid with lemon and aloe vera****31101055**

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

**Trade name** : Washing-up liquid with lemon and aloe vera  
**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** : Prolonged or repeated contact may cause skin to become dry.  
- **Eye contact** : Irritation to eyes.  
- **Ingestion** : Nausea.  
Diarrhea.  
Vomiting.  
Abdominal pain.

### 3. 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% : - Anionic surfactants - Nonionic surfactants  
Perfumes - Preservatives  
2-BROMO-2-NITROPROPANE-1,3-DIOL.  
LIMONENE, CITRAL.

Substance name	Contents	CAS No	EC No	Index No	Classification
Sodium Lauryl Ether Sulfate	> 10 %	68891-38-3	POLYMER	-----	Xi; R38-41
Alkyl Poly Glycoside C10-16	Between 1 and 10 %	110615-47-9	POLYMER	-----	Xi; R38-41
Perfume	Between 0.01 and 0.1 %	-----	-----	-----	R10 Xn; R65 Xi; R38 R43 N; R50-53
Limonene (D-)	Between 0.01 and 0.1 %	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
2-bromo-2-nitropropane-1,3-diol	Between 0.01 and 0.1 %	52-51-7	200-143-0	603-085-00-8	Xn; R21/22 Xi; R37/38-41 N; R50

**INCI** : SODIUM LAURETH SULFATE  
LAURYL POLYGLUCOSE  
PARFUM  
LIMONENE  
CITRAL



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### 3. COMPOSITION / INFORMATION ON INGREDIENTS (continued)

2-BROMO-2-NITROPROPANE-1,3-DIOL

### 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.
- 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! Let the victim drink 2 glasses of water on his own.
- Note to physician : No specific recommendations.
- Workplace equipment : No specific recommendations.

### 5. FIRE-FIGHTING MEASURES

**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. Avoid contact with skin and eyes. Wear proper protective equipment. See Heading 8. Avoid contact with skin and eyes.
- Environmental precautions : Avoid release to the environment. Prevent entry to sewers and public waters.
- 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, out of the reach of children.
- Handling : Avoid contact with skin and eyes. 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 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 and if there is a risk of splashing.



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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

- Respiratory protection : Not relevant.  
Environment protection see § 6

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C : Liquid.  
Colour : Slightly yellow.  
Odour : Citrus fruits.  
pH value (concentrated product) : 4,5  
Density : 1,03 kg/l  
Viscosity : 510 cP  
Solubility in water : Complete.  
Flash point [°C] : > 100°C  
Volatile Organic Compounds (%) : 0.08  
Explosion limits : None.  
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 : Do not mix with other cleaning products.  
Hazardous decomposition products : None under normal conditions.

### 11. TOXICOLOGICAL INFORMATION

Eye irritatie (RBC test: Mean Indices) : 31  
Ocular Irritancy  
Skin irritation (RBC test: Denaturation) : 61.4 (Sodiumdodecylsulfate= 100%)  
Index)  
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 : 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) : 93  
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201) : 206 Hardly toxic.  
48 Hour EC50 Daphnia magna [ppm] (OECD 202) : 41 Slightly toxic  
Rotifer toxicity (Brachionus) : 13 Slightly toxic

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**12. ECOLOGICAL INFORMATION (continued)**

calyciflorus) EC50 24h (ppm) (ASTM E1440-91)

**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**

**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 recycable (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**

**Symbol(s)** : None.

**R Phrase(s)** : None.

**S Phrase(s)** : S2 : Keep out of the reach of children.

**EEC Composition of detergents** : 5% - 15% : - Anionic surfactants - Nonionic surfactants  
 Perfumes - Preservatives  
 2-BROMO-2-NITROPROPANE-1,3-DIOL.  
 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.  
 R21/22 : Harmful in contact with skin and if swallowed.  
 R37/38 : Irritating to respiratory system and skin.  
 R38 : Irritating to skin.  
 R41 : Risk of serious damage to eyes.  
 R43 : May cause sensitization by skin contact.  
 R50 : Very toxic to aquatic organisms.  
 R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R65 : Harmful : may cause lung damage if swallowed.

**Sources of key data used** : Chemiekaarten, 12th edition, 1997, ed. MIA, VMCI, Samson. Occupational Safety and health guideline for ethanolamine 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.

**Revision** : First version of this MSDS in this new format.

**Print date** : 10 / 1 / 2008

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



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