



# MATERIAL SAFETY DATA SHEET

## According to 2001/58EC

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Revised edition no : 2

Date : 11 / 1 / 2006

Supersedes : 13 / 12 / 2005

**Washing-up liquid with camomile and marigold****31101011**

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

**Trade name** : Washing-up liquid with camomile and marigold  
**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 : May cause eye irritation.  
- Ingestion : Ingestion may cause nausea, vomiting and diarrhea. Abdominal pain.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance / Preparation** : Preparation.  
**Composition** : This product contains hazardous components (Directive 67/548/EEC).  
Regulation (CE) No. 648/2004 of 31 March 2004 on detergents:  
< 5% : - Nonionic surfactants  
5% - 15% : - Anionic surfactants  
Perfumes - Preservatives  
LIMONENE.  
2-BROMO-2-NITROPROPANE-1,3-DIOL

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

**Washing-up liquid with camomile and marigold****31101011****4. FIRST AID MEASURES****First aid measures**

- Inhalation : Not expected to require first aid measures.
  - 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. Administer 100 mg of Dimethicone within 1 hour. Same treatment in case of ingestion of > 60 ml and seek medical attention immediately.
- Note to physician** : Treat symptomatically if heavy vomiting and diarrhoea persist (water and electrolyte). Carry out gastric intubation after having administered Dimethicone and only in case of ingestion of more than 5 swallows without having resulted in vomiting.
- 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. 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, out of the reach of children.
- Handling** : Wear waterproof gloves in case of frequent contact with undiluted product.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Personal protection**
- Skin protection : No special clothing/skin protection equipment is recommended under normal conditions of use. Wear waterproof gloves (neoprene, nitrile rubber or natural rubber) 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 : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Environment protection see § 6**

**Washing-up liquid with camomile and marigold****31101011****9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state at 20 °C	: Liquid.
Colour	: Slightly yellow.
Odour	: Sweet.
pH value (concentrated product)	: 4.5
Density	: 1.03 kg/l
Viscosity	: 1360 cP
Solubility in water	: Complete.
Flash point [°C]	: >100
Volatile Organic Compounds (%)	: 0.06
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 (and certain not with chlorous products).
Hazardous decomposition products	: None under normal conditions.

**11. TOXICOLOGICAL INFORMATION**

Skin irritation (Invitox n°99) (ppm)	: 49,6% (sodiumdodecylsulphate =100 %)
Eye irritatie (RBC test: Mean Indices Ocular Irritancy)	: 24
- 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: 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)	: 97
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: 125 Slightly toxic
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 42 Slightly toxic
Rotifer toxicity (Brachionus calyciflorus) EC50 24h (ppm) (ASTM E1440-91)	: 13 Hardly toxic.
Persistence - degradability	: 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

- Symbol(s)** : None.
- R Phrase(s)** : None.
- S Phrase(s)** : S2 : Keep out of the reach of children.
- EEC Composition of detergents** : < 5% : - Nonionic surfactants  
5% - 15% : - Anionic surfactants  
Perfumes - Preservatives  
LIMONENE.  
2-BROMO-2-NITROPROPANE-1,3-DIOL.

### 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** : 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  
Glohuber C, Künstler K, 1992. Anionic Surfactants, Surfactant Science Series 43, ed M.Dekker.
- Revision** : First version of this MSDS in this new format.
- Print date** : 10 / 1 / 2008
- Further information** : None.

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

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product. If the product is used as a component in another product, this MSDS information may not be applicable.

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