



MATERIAL SAFETY DATA SHEET

According to 2001/58EC

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Revised edition no : 1

Date : 10 / 1 / 2008

Supersedes : 0 / 0 / 0

Bathroom cleaner**311070002**

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

Trade name : Bathroom cleaner
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 : None under normal conditions.
- Eye contact : Slight eye irritant.
- 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:
< 5% : - Anionic surfactants - Nonionic surfactants
Perfumes - Preservatives
2-BROMO-2-NITROPROPANE-1,3-DIOL.
LIMONENE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Alkyl Poly Glycoside C8-10	: Between 1 and 5 %	68515-73-1	POLYMER	-----	Xi; R41
Citric acid	: Between 1 and 5 %	77-92-9	201-069-1	-----	Xi; R36/37/38
Sodium octyl sulfate	: Between 1 and 5 %	142-31-4	205-535-5	-----	Xi; R38-41
Perfume	: Between 0.1 and 1 %	-----	-----	-----	Xn; R65 Xi; R38 R43 N; R51-53
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
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

INCI : CAPRYL GLUCOSIDE
CITRIC ACID
Sodium octyl sulfate
PARFUM
2-BROMO-2-NITROPROPANE-1,3-DIOL



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3. COMPOSITION / INFORMATION ON INGREDIENTS (continued)

LIMONENE

4. FIRST AID MEASURES

First aid measures

- Inhalation : Not relevant.
- Skin contact : Flush with plenty of water.
- Eye contact : Rinse immediately and for at least 15 minutes with copious amounts of water (also assure adequate flushing under the eyelids and if possible after having removed contact lenses). Bring the victim to an ophthalmist.
- 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 : 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 in a closed packaging. Keep out of the reach of children.
- Handling : Avoid contact with eyes.

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

Bathroom cleaner**311070002****9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state at 20 °C	: Liquid.
Colour	: Colourless.
Odour	: Fresh.
pH value (concentrated product)	: 3.75
Density	: 1,03
Viscosity	: 6,6 cP
Solubility in water	: Complete.
Volatile Organic Compounds (%)	: 0.15
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	: None.
Hazardous decomposition products	: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Eye irritatie (RBC test: Mean Indices Ocular Irritancy)	: No data available.
Evaluation of the security for the human health	
- Dermal	: Not irritant due to the composition of the material.
- Ocular	: Slightly irritating
- Ingestion	: Relatively harmless (LD 50 rat-oral-theoretical >33000 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: Coupled Unit test (OECD 303A) %	: 84 Biodegradable.
EC50 72h Algae (<i>Selenastrum capricornutum</i>) [ppm] (OECD 201)	: 239 Hardly toxic.
48 Hour EC50 <i>Daphnia magna</i> [ppm] (OECD 202)	: > 1000 Hardly toxic.
Remarks	: Ecover products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components.

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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

- R Phrase(s)** : None.
- S Phrase(s)** : S2 : Keep out of the reach of children.
 S25 : Avoid contact with eyes.
 S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- EEC Composition of detergents** : < 5% : - Anionic surfactants - Nonionic surfactants
 Perfumes - Preservatives
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 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.
 R36/37/38 : Irritating to eyes, respiratory system and skin.
 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.
 R51/53 : 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.
 Chemiekaarten, 21th edition, 2006, ed. MIA, VMCI, Samson.
- 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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product. If the product is used as a component in another product, this MSDS information may not be applicable.

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