



**MATERIAL SAFETY DATA SHEET**  
**According to Regulation (EC) 1907/**  
**2006**

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Revised edition no : 4

Date : 14 / 7 / 2009

Supersedes : 29 / 3 / 2006

**Cream Cleaner**

**31104161**

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

**Trade name** : Cream 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** : 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** : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

**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% : - Nonionic surfactants  
2-BROMO-2-NITROPROPANE-1,3-DIOL, SILVER CHLORIDE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Alkyl Poly Glycoside C10-16	: Between 0.1 and 1 %	110615-47-9	POLYMER	----	Xi; R38-41
Alkyl Poly Glycoside C8-10	: Between 0.1 and 1 %	68515-73-1	POLYMER	----	Xi; R41
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** : CAPRYL GLUCOSIDE  
LAURYL GLUCOSIDE  
2-BROMO-2-NITROPROPANE-1,3-DIOL

**4. FIRST AID MEASURES**

**First aid measures**  
- **Inhalation** : Not relevant.  
- **Skin contact** : Flush with plenty of water.



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#### 4. FIRST AID MEASURES (continued)

- Eye contact : Rinse immediately with plenty of water.
- Ingestion : Rinse mouth.  
Give water to drink.
- 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.  
Avoid contact with skin and eyes.  
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 in a closed packaging.
- Handling : Wear suitable gloves in case of frequent contact with undiluted product.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Personal protection
- Skin protection : 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 : No specific recommendations.
- Respiratory protection : No specific recommendations.
- Environment protection see § 6

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C : Liquid.
- Colour : White.

**Cream Cleaner****31104161****9. PHYSICAL AND CHEMICAL PROPERTIES (continued)**

<b>Odour</b>	: Sweet.
<b>pH value (concentrated product)</b>	: 9,5
<b>Density</b>	: 1,24 kg/l
<b>Viscosity</b>	: 19 600 cP
<b>Solubility in water</b>	: Good.
<b>Flash point [°C]</b>	: > 100
<b>Volatile Organic Compounds (%)</b>	: 0
<b>Explosion limits</b>	: No data available.
<b>Oxidising properties</b>	: None.

**10. STABILITY AND REACTIVITY**

<b>Stability and reactivity</b>	: No decomposition under normal conditions of storage and use.
<b>Conditions to avoid</b>	: Do not store <0°C and >40°C.
<b>Materials to avoid</b>	: Acids.
<b>Hazardous decomposition products</b>	: None under normal conditions.

**11. TOXICOLOGICAL INFORMATION**

<b>Eye irritation (RBC test: Invitox n° 99)</b>	: 955
<b>Evaluation of the security for the human health</b>	
- 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).
<b>Sensitization</b>	: To the best of our knowledge, this product contains no sensitizing raw materials.
<b>Note</b>	: 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**

<b>Ecological effects information</b>	
<b>Biodegradation [%] Sapromat respirometry test (OECD 301 F)</b>	: 100 Biodegradable.
<b>EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)</b>	: >1000 Not toxic.
<b>48 Hour EC50 Daphnia magna [ppm] (OECD 202)</b>	: 1520 Not toxic.
<b>Rotifer toxicity (Brachionus calyciflorus) EC50 24h (ppm) (ASTM E1440-91)</b>	: >100 Hardly toxic.
<b>Remarks</b>	: 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% : - Nonionic surfactants  
2-BROMO-2-NITROPROPANE-1,3-DIOL, SILVER CHLORIDE.

**16. OTHER INFORMATION**

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 3)** : 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.  
R50 : Very toxic to aquatic organisms.
- 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.
- Print date** : 14 / 7 / 2009

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

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