

**Wash & Wax**

**32104354**

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

Trade name : Wash & Wax  
 Type of product : Cleaning product.  
 Floor protection  
 Use : Industrial.  
 For professional use only.  
 Company identification : Ecover Belgium NV  
 Industrieweg 3  
 2390 Malle Belgium  
 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 : Bitrex makes it virtually impossible to ingest this product.

**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% : - Nonionic surfactants  
 5% - 15% : - Anionic surfactants  
 Perfumes - Preservatives  
 AMYL CINNAMAL, 2 - (4 - TERT - BUTYLBENZYL)PROPIONALDEHYDE,  
 LINALOOL, CITRONELLOL, LIMONENE.  
 2-BROMO-2-NITROPROPANE-1,3-DIOL

Substance name	Contents	CAS No	EC No	Index No	Classification
Sodium Lauryl Ether Sulfate	: Between 1 and 10 %	68891-38-3	POLYMER	----	Xi; R38-41
Ethoxylated Fatty Alcohol C12-18	: Between 1 and 10 %	68213-23-0	----	----	Xn; R22 Xi; R41
Perfume	: Between 0.1 and 1 %	----	----	----	Xn; R65 R43 N; R51-53
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
Linalool	: Between 0.01 and 0.1 %	78-70-6	201-134-4	----	
Amyl Cinnamal	: Between 0.01 and 0.1 %	122-40-7	----	----	
2-(4-tert-Butyl benzyl) propionaldehyde (Lilial)	: Between 0.01 and 0.1 %	80-54-6	201-289-8	----	Xn; R22 R43
Citronellol	: Between 0.01 and 0.1 %	106-22-9	203-375-0	----	Xi; R38 R43

**Wash & Wax****32104354****3. COMPOSITION / INFORMATION ON INGREDIENTS (continued)**

N; R51-53

INCI : SODIUM LAURETH SULFATE  
Alcohol(C12-18)EO(>5-10)  
Perfume  
LIMONENE  
2-BROMO-2-NITROPROPANE-1,3-DIOL  
LINALOOL  
AMYL CINNAMAL  
2 - (4 - TERT - BUTYLBENZYL)PROPIONALDEHYDE  
CITRONELLOL

**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. 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.  
See Heading 8.
- Environmental precautions** : Avoid release to the environment.  
Prevent entry to sewers and public waters.
- 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.
- Handling** : Avoid contact with skin and eyes.

**Wash & Wax****32104354****8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection**

- Skin protection : Wear waterproof gloves when taking up intensively material which is accidentally released.
  - Eye protection : Wear safety goggles when clearing accidentally released material.
  - Respiratory protection : Not relevant.
- Environment protection see § 6

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state at 20 °C : Liquid.
- Colour : Yellow.
- Odour : Orange/mint.
- pH value (concentrated product) : 7
- Density : 1,04 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT) : <50 mPa.s
- Solubility in water : Good.
- Flash point [°C] : >100
- Volatile Organic Compounds (%) : 0.3
- 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**

Skin irritation (RBC test: Denaturation Index) (ppm) : 226

**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-theoretical 5000-15000 ppm). Bitrex makes it virtually impossible to ingest this product.
- Sensitization : This product contains sensitizing fragrance components > 100 ppm: see § 2 and 15.

Note : All Techno Green products contain only ELINCS or EINECS registered raw materials and do 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 (cat 1-3))

**12. ECOLOGICAL INFORMATION****Ecological effects information**

Biodegradation [%] Sapromat respirometry test (OECD 301 F) : No data available.

**Wash & Wax****32104354****12. ECOLOGICAL INFORMATION (continued)**

- EC50 72h Algae (Senastrum capricornutum) [ppm] (OECD 201) : 43 Slightly toxic
- 48 Hour EC50 Daphnia magna [ppm] (OECD 202) : 117 Hardly toxic.
- Remarks : Techno Green products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components.

**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**

- R Phrase(s)** : None.
- S Phrase(s)** : None.
- EEC Composition of detergents** : < 5% : - Nonionic surfactants  
5% - 15% : - Anionic surfactants  
Perfumes - Preservatives  
AMYL CINNAMAL, 2 - (4 - TERT - BUTYLBENZYL)PROPIONALDEHYDE,  
LINALOOL, CITRONELLOL, 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.  
R22 : Harmful 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.  
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.  
Gloxhuber C, Künstler K, 1992. Anionic Surfactants, Surfactant Science Series 43, ed M.Dekker.
- Revision** : Revision - See : \*



**MATERIAL SAFETY DATA SHEET  
According to 2001/58EC**

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Revised edition no : 2

Date : 14 / 3 / 2006

Supersedes : 2 / 12 / 2005

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**16. OTHER INFORMATION (continued)**

**Print date** : 30 / 8 / 2007

**Further information** : None.

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

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