

**Techno Floor**

**32104365**

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

Trade name : Techno Floor  
 Type of product : Liquid.  
 Use : For professional use only.  
 Company identification : Ecover Belgium NV  
 Industrierweg 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.  
 Irritation of the bronchial tract, narcotic effects, dizziness and headaches may occur with high vapour concentrations.  
 - Skin contact : Prolonged or repeated skin contact with the material may remove natural oils.  
 - Eye contact : Slight eye irritant.  
 - Ingestion : Nausea.  
 Vomiting.  
 Abdominal pain.  
 Diarrhea.

**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% : - Soap  
 5% - 15% : - Nonionic surfactants  
 Perfumes  
 2 - (4 - TERT - BUTYLBENZYL)PROPIONALDEHYDE, HEXYL CINNAMAL,  
 LIMONENE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Alkyl polyglycol ether C10-16 with PO and EO	> 1 <= 10 %	69227-22-1	----	----	Xn; R22 Xi; R41
Dipropylene glycol Methylether	> 1 <= 10 %	34590-94-8	252-104-2	----	R10
3-butoxypropan-2-ol (PNB)	> 1 <= 10 %	5131-66-8	225-878-4	603-052-00-8	Xi; R36/38
Perfume	> 0.1 <= 1 %	----	----	----	R43 N; R51-53
Hexyl cinnamic aldehyde	> 0.01 <= 0.1 %	101-86-0	202-983-3	----	R43
2-(4-tert-Butyl benzyl) propionaldehyde (Lilial)	> 0.01 <= 0.1 %	80-54-6	201-289-8	----	Xn; R22 R43
Limonene (D-)	> 0.01 <= 0.1 %	5989-27-5	227-813-5	601-029-00-7	R10 Xi; R38 R43 N; R50-53

INCI : Alkyl polyglycol ether C10-16 with PO and EO  
 PPG-2 METHYL ETHER  
 BUTOXYPROPANOL

**Techno Floor****32104365****3. COMPOSITION / INFORMATION ON INGREDIENTS (continued)**PARFUM  
HEXYL CINNAMAL  
2 - (4 - TERT - BUTYLBENZYL)PROPIONALDEHYDE  
LIMONENE**4. FIRST AID MEASURES****First aid measures**

- Inhalation : Fresh air, rest in half sitting position. Seek medical advice.
  - 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. Seek medical advice.
- 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. 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 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.
- Handling** : Avoid contact with skin and 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

**Techno Floor****32104365****8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)**

- risk of splashing.
- Respiratory protection : Ensure there is adequate ventilation.
- Environment protection see § 6
- Occupational Exposure Limits : Dipropylene glycol Methyl ether : MAC [mg/m<sup>3</sup>] : 300  
Dipropylene glycol Methyl ether : MAC [ppm] : 50

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state at 20 °C : Liquid.
- Colour : Green.
- Odour : Fantasy.
- pH value (concentrated product) : 8
- Density : 1,00 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT) : < 50
- Solubility in water : Complete.
- Flash point [°C] : > 100
- Volatile Organic Compounds (%) : 4.8
- 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 : Acids.  
Oxidizing agent.
- Hazardous decomposition products : DPM may form peroxides.

**11. TOXICOLOGICAL INFORMATION**

- Skin irritation (Invitox n°99) (ppm) : 807 Slight irritant.
- 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-theoretic 500-5000 ppm).
- 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) : 66 Biodegradable.
- EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201) : 109 Hardly toxic.

**Techno Floor****32104365****12. ECOLOGICAL INFORMATION (continued)**48 Hour EC50 Daphnia magna [ppm] : 49 Slightly toxic  
(OECD 202)

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% : - Soap  
5% - 15% : - Nonionic surfactants  
Perfumes  
2 - (4 - TERT - BUTYLBENZYL)PROPIONALDEHYDE, HEXYL CINNAMAL,  
LIMONENE.**16. OTHER INFORMATION**

Training advice : For correct use of this product: see Technical Data Sheet.

List of relevant R phrases (heading 2) : R10 : Flammable.  
R22 : Harmful if swallowed.  
R36/38 : Irritating to eyes and skin.  
R38 : Irritating to skin.  
R41 : Risk of serious damage to eyes.  
R43 : May cause sensitization by skin contact.  
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.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 : 26 / 10 / 2007

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

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

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