

Sealer**32104306****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : Sealer
Type of product : Liquid.
Use : 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.
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 : Abdominal pain.
Diarrhea.
Headache.
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% : - Nonionic surfactants
Preservatives
2-BROMO-2-NITROPROPANE-1,3-DIOL, TRIS (HYDROXYMETHYL)
NITROMETHANE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Dipropylene glycol Methylether	: Between 1 and 10 %	34590-94-8	252-104-2	-----	R10
Tributoxy Ethyl Phosphate	: Between 1 and 10 %	78-51-3	201-122-9	-----	R52-53
Triisobutyl Phosphate	: Between 0.1 and 1 %	126-71-6	204-798-3	-----	R43 R52-53
2-bromo-2-nitropropane-1,3-diol	: < 0.1 %	52-51-7	200-143-0	603-085-00-8	Xn; R21/22 Xi; R37/38-41 N; R50
Tris(hydroxymethyl)nitromethane	: < 0.1 %	126-11-4	204-769-5	-----	Xn; R22

INCI : PPG-2 METHYL ETHER
Tributoxyethylphosphate
Triisobutyl phosphate
2-BROMO-2-NITROPROPANE-1,3-DIOL
TRIS (HYDROXYMETHYL) NITROMETHANE

Sealer**32104306****4. FIRST AID MEASURES****First aid measures**

- Inhalation : Assure fresh air breathing.
Allow the victim to rest.
Seek medical attention if ill effect or irritation develops.
- Skin contact : Rinse affected area thoroughly with water to remove concentrated product.
Remove contaminated clothing.
- 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! 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** : Do not enter fire area without proper protective equipment, including respiratory protection.
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 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 only in the original container.
- 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.
- Eye protection : Wear safety goggles when clearing accidentally released material and if there is a risk of splashing.
- Respiratory protection : Ensure there is adequate ventilation.

Sealer**32104306****8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)**

Environment protection see § 6

Occupational Exposure Limits : Dipropylene glycol Methylether : MAC [mg/m³] : 300
Dipropylene glycol Methylether : MAC [ppm] : 50**9. PHYSICAL AND CHEMICAL PROPERTIES**Physical state at 20 °C : Emulsion.
Colour : White.
Odour : Solvent.
pH value (concentrated product) : 8,5
Density : 1,03 kg/l
Viscosity at 25°C [mPa.s] (Brookfield LVT) : < 50
Solubility in water : Forms emulsion in presence of water.
Flash point [°C] : > 100
Volatile Organic Compounds (%) : 4.1
Explosion limits : None.
Oxidising properties : None.**10. STABILITY AND REACTIVITY**Stability and reactivity : Store away from freezing (avoid freezing during storage).
Conditions to avoid : Extremely high or low temperatures.
Materials to avoid : Acids.
Oxidizing agent.
Do not mix with other cleaning products.
Hazardous decomposition products : DPM may form peroxides.**11. TOXICOLOGICAL INFORMATION**Skin irritation (RBC test: Denaturation Index) (ppm) : 2263 (not irritating).
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 : To the best of our knowledge, this product contains no sensitizing raw materials. Prolonged or repeated skin contact with the material may remove natural oils.
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.
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201) : > 10 000 Not toxic.

Sealer**32104306****12. ECOLOGICAL INFORMATION (continued)**48 Hour EC50 Daphnia magna [ppm] : 357 Hardly toxic.
(OECD 202)

Remarks : Techno Green products do not contain any bioaccumulating raw materials and no PCM or nitromusk perfume components.

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 recycable (HDPE + PP); they may be collected selectively for recycling according to national or local waste legislation. Uncleaned packaging should be disposed of as non-chemical waste.**14. TRANSPORT INFORMATION****General information** : Not classified.**15. REGULATORY INFORMATION****R Phrase(s)** : None.**S Phrase(s)** : None.**Further Phrases** : Contains : - Triisobutyl Phosphate. May produce an allergic reaction.**EEC Composition of detergents** : < 5% : - Nonionic surfactants
Preservatives
2-BROMO-2-NITROPROPANE-1,3-DIOL, TRIS (HYDROXYMETHYL)
NITROMETHANE.**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.
R41 : Risk of serious damage to eyes.
R43 : May cause sensitization by skin contact.
R50 : Very toxic to aquatic organisms.
R52/53 : Harmful 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** : 30 / 8 / 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**

Page : 5

Revised edition no : 1

Date : 8 / 3 / 2006

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Sealer

32104306

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

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