

Techno Gloss**CODE: 32104391****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : Techno Gloss
Type of product : Liquid.
Use : For professional use only.
Company identification : Ecover Belgium NV
Industrieweg 3
2390 Malle Belgium
Phone : +32 (0)3 309 25 00
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Emergency phone nr : +32 (0)70 245 245
Responsible for placing on the market : See address above.

2 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:
Preservatives
2-BROMO-2-NITROPROPANE-1,3-DIOL
TRIS (HYDROXYMETHYL) NITROMETHANE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Dipropyleneglycol methylether (DPM)	> 1 <= 10 %	34590-94-8	252-104-2	----	R10
Tributoxy Ethyl Phosphate	> 1 <= 10 %	78-51-3	201-122-9	----	R52-53
2-bromo-2nitropopane-1,3-diol/Tris (Hydroxymethyl) nitromethane	> 0.01 <= 0.1 %	----	----	----	Xn; R22

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

3 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.

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

Techno Gloss**CODE: 32104391****4 FIRST AID MEASURES (continued)**

- 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 : 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, dark 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. 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 : Ensure there is adequate ventilation.
- Environment protection see § 6
- Occupational Exposure Limits : Dipropylenglycol methylether (DPM) : MAC [mg/m³] : 300
Dipropylenglycol methylether (DPM) : MAC [ppm] : 50

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C : Emulsion.
- Colour : White.
- Odour : Solvent.
- pH value (concentrated product) : 8

Techno Gloss**CODE: 32104391****9 PHYSICAL AND CHEMICAL PROPERTIES (continued)**

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 (%)	: 5.3
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)	: 3300 (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-ori-theo 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)	: > 1000 Not toxic.
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: > 1000 Not toxic.
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).
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Techno Gloss**CODE: 32104391****13 DISPOSAL CONSIDERATIONS (continued)**

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.
EEC Composition of detergents : 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 2) : R10 : Flammable.
R22 : Harmful if swallowed.
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 : 28/3/2006

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

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