

**Techno Spray****CODE: 32102151****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

Trade name : Techno Spray  
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  
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 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% : - Anionic surfactants  
Perfumes

Substance name	Contents	CAS No	EC No	Index No	Classification
Ethanol	: Between 1 and 10 %	64-17-5	200-578-6	603-002-00-5	F; R11
INCI	: ALCOHOL				

**3 HAZARDS IDENTIFICATION**

Hazards identification : According to the Preparation Directive 1999/45/EC this product is classified as:  
Flammable.  
Risk Phrases : R10 : Flammable.  
Symptoms relating to use  
- Inhalation : No special hazards in normal use. Narcotic effects, dizziness and headaches may occur with high vapour concentrations.  
- Skin contact : Redness.  
- Eye contact : Redness.  
- Ingestion : Nausea. Vomiting. Dizziness.  
Fire hazard : Flammable.  
Above flashpoint (see §9) explosive vapour/air mixtures may be formed.

**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 for a long time with cold, running water.  
Seek medical attention if ill effect or irritation develops.  
- 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.

**Techno Spray****CODE: 32102151****5 FIRE-FIGHTING MEASURES**

- Extinguishing media
- Suitable extinguishing media : All extinguishing media can be used.  
Alcoholresistant foam.
  - Unsuitable extinguishing media : Do not use a heavy water stream.
- Protection against fire : Exercise caution when fighting any chemical fire.  
See Heading 8.
- Special procedures : Cool heat-exposed product with water spray.

**6 ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Wear protective clothing, ensure a good ventilation and avoid all sources of ignition. Pump with explosion-proof equipment.  
See Heading 8.
- Environmental precautions : Avoid release to the environment.
- Clean up methods : Collect leakage in non-lockable container. Absorb spillage with sand or inert material and transfer to a safe area and dispose of as chemical waste. If desired rinse remainder with water.

**7 HANDLING AND STORAGE**

- Protection against fire : When using do not smoke.  
Keep away from sparks, open fire and oxidising agents. Above flashpoint (see §9) closed equipment, ventilation, explosion safe electrical equipment.
- Storage : Store in a cool, well ventilated and fireproof area, in tightly closed original packaging. Do not store in direct sunlight.

**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 sufficient ventilation when taking up intensively material which is accidentally released.
- Environment protection see § 6
- Occupational Exposure Limits : Ethanol : MAC [mg/m<sup>3</sup>] : 1900  
Ethanol : MAC [ppm] : 1000

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state at 20 °C : Liquid.
- Colour : Blue.
- Odour : Fantasy.
- pH value (concentrated product) : 4
- Density : 0,99 kg/l
- Viscosity at 25°C [mPa.s] (Brookfield LVT) : < 50 mPa.s
- Solubility in water : Complete.
- Flash point [°C] : 45
- Volatile Organic Compounds (%) : 9.39
- Explosion limits : 3.4-19 vol % ethanol vapour can react explosive with air (relative density of the

### Techno Spray

**CODE: 32102151**

#### 9 PHYSICAL AND CHEMICAL PROPERTIES (continued)

Oxidising properties : mixture = 1.04).  
: 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 : Strong bases.  
: Reacts violently with strong oxidising agents, causing fire and explosion hazard.  
Hazardous decomposition products : None under normal conditions.

#### 11 TOXICOLOGICAL INFORMATION

Skin irritation (RBC test: : 10000 (not irritating).  
Denaturation Index) (ppm)  
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 : Relatively harmless (LD 50 rat-oral-theoretical >33000 ppm).  
Sensitization : To the best of our knowledge, this product contains no sensitizing raw materials.  
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 : 100 Biodegradable.  
respirometry test (OECD 301 F)  
EC50 72h Algae (Selenastrum : 223 Hardly toxic.  
capricornutum) [ppm] (OECD 201)  
48 Hour EC50 Daphnia magna [ppm] : > 1000 Not 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 should be disposed of chemical waste according to national or local waste legislation. Empty packaging is not subject to ADR.

#### 14 TRANSPORT INFORMATION

General information : Not classified.

**Techno Spray****CODE: 32102151****15 REGULATORY INFORMATION**

**R Phrase(s)** : R10 : Flammable.

**S Phrase(s)** : S3 : Keep in a cool place.  
S16 : Keep away from sources of ignition - No smoking.  
S23 : Do not breathe spray.  
S51 : Use only in well-ventilated areas.

**EEC Composition of detergents** : < 5% : - Anionic surfactants  
Perfumes

**16 OTHER INFORMATION**

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

**List of relevant R phrases (heading 2)** : R11 : Highly flammable.

**Sources of key data used** : MSDS and additional literature data of the respective suppliers.  
Chemical cards, 21th edition, 2006, 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** : 30 / 3 / 2007

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

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**End of document**