

**Techno Magic****CODE: 32102070****1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

**Trade name** : Techno Magic  
**Type of product** : All-purpose cleaner.  
**Use** : Industrial.  
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  
5% - 15% : - Nonionic surfactants  
Perfumes  
EUGENOL.

Substance name	Contents	CAS No	EC No	Index No	Classification
Alkyl polyglycol ether C10-16 with PO and EO	: Between 1 and 10 %	69227-22-1	----	----	Xn; R22 Xi; R41
Sodium metasilicate, pentahydrate	: Between 1 and 10 %	10213-79-3	229-912-9	----	C; R34 Xi; R37
Alkyl Poly Glycoside C8-10	: Between 1 and 10 %	68515-73-1	POLYMER	----	Xi; R41
Sodium carbonate	: Between 1 and 10 %	497-19-8	207-838-8	011-005-00-2	Xi; R36
Sodium ethyl hexyl sulfate	: Between 1 and 10 %	126-92-1	204-812-8	----	Xn; R22 Xi; R38-41

**INCI** : Alkyl polyglycol ether C10-16 with PO and EO  
Sodium metasilicate, pentahydrate  
CAPRYL GLUCOSIDE  
SODIUM CARBONATE  
SODIUM OCTYL SULFATE

**3 HAZARDS IDENTIFICATION**

**Hazards identification** : According to the Preparation Directive 1999/45/EC this product is classified as:  
Irritating.  
**Risk Phrases** : R38 : Irritating to skin. R41 : Risk of serious damage to eyes.  
**Symptoms relating to use**  
- Inhalation : None under normal conditions.  
- Skin contact : Irritating to skin.  
- Eye contact : Irritation to eyes.  
- Ingestion : Nausea.  
Diarrhea.  
Vomiting.  
Abdominal pain.

**Techno Magic****CODE: 32102070****4 FIRST AID MEASURES****First aid measures**

- Inhalation : Not relevant.
  - Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
Seek medical attention if ill effect or irritation develops.
  - 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. Seek medical attention.
- Note to physician** : No specific recommendations.
- Workplace equipment** : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**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.  
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.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Personal protection**
- Skin protection : Wear waterproof gloves when using or handling this product.
  - Eye protection : Wear acid protective goggles if there is a risk of splashing and when vaporizing.
  - Respiratory protection : Not relevant.
- Environment protection see § 6**

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state at 20 °C** : Liquid.
- Colour** : Red.

**Techno Magic****CODE: 32102070****9 PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Odour	: Fantasy.
pH value (concentrated product)	: 13,5
Density	: 1,08 kg/l
Viscosity at 25°C [mPa.s] (Brookfield LVT)	: <50
Solubility in water	: Complete.
Flash point [°C]	: >100
Volatile Organic Compounds (%)	: 0.2
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.
Hazardous decomposition products	: None under normal conditions.

**11 TOXICOLOGICAL INFORMATION**

Skin irritation (RBC test: Denaturation Index) (ppm)	: 1760
Evaluation of the security for the human health	
- Dermal	: Irritation due to the composition.
- Ocular	: Irritation 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)	: No data available.
EC50 72h Algae (Selenastrum capricornutum) [ppm] (OECD 201)	: 789 Hardly toxic.
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: 143 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

**Techno Magic****CODE: 32102070****13 DISPOSAL CONSIDERATIONS (continued)**

**Packaging** : disposing of).  
: 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.

**15 REGULATORY INFORMATION****Symbol(s)**

**R Phrase(s)** : Xi : Irritant  
: R38 : Irritating to skin.  
: R41 : Risk of serious damage to eyes.

**S Phrase(s)** : S24/25 : Avoid contact with skin and eyes.  
: S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
: S37/39 : Wear suitable gloves and eye/face protection.

**EEC Composition of detergents** : < 5% : - Anionic surfactants  
5% - 15% : - Nonionic surfactants  
Perfumes  
EUGENOL.

**16 OTHER INFORMATION**

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

**List of relevant R phrases (heading 2)** : R22 : Harmful if swallowed.  
R34 : Causes burns.  
R36 : Irritating to eyes.  
R37 : Irritating to respiratory system.  
R38 : Irritating to skin.  
R41 : Risk of serious damage to eyes.

**Sources of key data used** : Gloxhuber C, Künstler K, 1992. Anionic Surfactants, Surfactant Science Series 43, ed M.Dekker.  
MSDS and additional literature data of the respective suppliers.

**Revision** : Revision - See : \*

**Print date** : 29/5/2006

**Further information** : None.

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

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