

**Techno San forte****321070003****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY**

**Trade name** : Techno San forte  
**Type of product** : Liquid.  
**Use** : For professional use only.  
Industrial.  
**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**

**Risk Phrases** : R41 : Risk of serious damage to eyes.  
**Symptoms relating to use**  
**- Inhalation** : None under normal conditions.  
**- Skin contact** : Prolonged or repeated contact may cause skin to become dry.  
**- Eye contact** : Irritation to eyes.  
**- Ingestion** : Vomiting.  
Abdominal pain, nausea.  
Sore throat.

**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% - 15% : - Nonionic surfactants  
Perfumes  
LIMONENE.

Substance name	Contents	CAS No	EC No	Index No	Classification
Lactic acid	> 5 < 15 %	79-33-4	201-196-2	----	Xi; R37/38-41
Citric acid	> 5 < 15 %	77-92-9	201-069-1	----	Xi; R36/37/38
Iso-octyl glucoside	> 5 < 15 %	54549-23-4	259-216-0	----	Xi; R41
Perfume	> 0.1 < 1 %	----	----	----	Xn; R65 Xi; R38 R43 N; R51-53
Limonene (D-)	> 0.01 < 0.1 %	5989-27-5	227-813-5	601-029-00-7	R10 Xi; R38 R43 N; R50-53

**INCI** : LACTIC ACID  
CITRIC ACID  
Iso-octyl glucoside  
PARFUM  
LIMONENE

**Techno San forte****321070003****4. FIRST AID MEASURES****First aid measures**

- Inhalation : Not relevant.
- 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 : In case of ingestion of large quantities, let the victim drink plenty of water and seek medical attention. Do not induce vomiting!
- 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.
  - Eye protection : Wear safety goggles when clearing accidentally released material.
  - Respiratory protection : Not relevant.
- Environment protection see § 6**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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

**Techno San forte****321070003****9. PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Odour	: Fresh.
pH value (concentrated product)	: 2,01
Density	: 1.055 kg/l
Viscosity	: 115 cP
Solubility in water	: Complete.
Volatile Organic Compounds (%)	: 0.1
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	: Do not mix with other cleaning products.
Hazardous decomposition products	: None under normal conditions.

**11. TOXICOLOGICAL INFORMATION**

Skin irritation (Invitox n°99) (ppm)	: No data available.
Evaluation of the security for the human health	
- Dermal	: Not or only slightly irritant due to the composition.
- Ocular	: Irritating to eyes.
- Ingestion	: Relatively harmless (LD 50 rat-ori-theo >22000 ppm).
Sensitization	: This product contains sensitizing fragrance components > 100 ppm: see § 3 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)	: No data available.
48 Hour EC50 Daphnia magna [ppm] (OECD 202)	: No data available.
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 San forte****321070003****13. DISPOSAL CONSIDERATIONS (continued)**

**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.

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

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

**S Phrase(s)** : S25 : Avoid contact with eyes.  
: S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
: S46 : If swallowed seek medical advice immediately and show this container or label.

**EEC Composition of detergents** : 5% - 15% : - Nonionic surfactants  
Perfumes  
LIMONENE.

**16. OTHER INFORMATION**

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

**List of relevant R phrases (heading 3)** : R10 : Flammable.  
: R36/37/38 : Irritating to eyes, respiratory system and skin.  
: R37/38 : Irritating to respiratory system 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.  
: R65 : Harmful : may cause lung damage if swallowed.

**Sources of key data used** : MSDS and additional literature data of the respective suppliers.  
Chemiekaarten, 12th edition, 1997, ed. MIA, VMCI, Samson.

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

**Print date** : 23 / 3 / 2009

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006

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