

Techno San**32105275****3. COMPOSITION / INFORMATION ON INGREDIENTS (continued)**

Sodium octyl sulfate
PARFUM
LIMONENE
2-BROMO-2-NITROPROPANE-1,3-DIOL

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 : 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** : Treat symptomatically.
- 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.

Techno San**32105275****8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)**

Environment protection see § 6

Occupational Exposure Limits : Ethanol : MAC [mg/m³] : 1900
Ethanol : MAC [ppm] : 1000**9. PHYSICAL AND CHEMICAL PROPERTIES**Physical state at 20 °C : Liquid.
Colour : Rose
Odour : Citrus fruits.
pH value (concentrated product) : 4
Density : 1,028 kg/l
Solubility in water : Complete.
Flash point [°C] : > 50
Volatile Organic Compounds (%) : 2.4
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 : Contains Limonene. May produce an allergic reaction.
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) : 87 Biodegradable.
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.

Techno San**32105275****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.

15. REGULATORY INFORMATION

- R Phrase(s)** : None.
- S Phrase(s)** : None.
- Further Phrases** : Contains Limonene. May produce an allergic reaction.
- * **EEC Composition of detergents** : < 5% : - Anionic surfactants
5% - 15% : - Nonionic surfactants
Perfumes - Preservatives
LIMONENE.
2-BROMO-2-NITROPROPANE-1,3-DIOL.

16. OTHER INFORMATION

- Training advice** : For correct use of this product: see Technical Data Sheet.
- List of relevant R phrases (heading 3)** : R10 : Flammable.
R11 : Highly flammable.
R21/22 : Harmful in contact with skin and if swallowed.
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 : Very toxic to aquatic organisms.
R50/53 : Very 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** : 28 / 11 / 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