



Material Safety Data Sheet

Enzyme Floor & Grout Cleaner

Section I. Product Identification

Product Name: Enzyme Floor & Grout Cleaner
Product Use: Biological Floor Cleaner
Concentrate Hazard Ratings: Health: 1 Fire: 0 Reactivity: 0
TDG Class: Not regulated **Packing Group:** N/A **UN Number:** N/A
WHMIS Class: D2B
Product Code(s): 951004, 951018, 951021
Name: N/A

Section II. Hazardous Ingredients

| <u>Chemical Name</u> | <u>CAS#</u> | <u>% by Weight</u> | <u>Toxicity</u> |
|-------------------------------------|-------------|--------------------|--|
| Sodium Dodecylbenzene Sulphonate | 25155-30-0 | 1-5 | LD ₅₀ >5000 mg/kg (Oral Rat) |
| Ethylenediaminetetraacetate, Sodium | 64-02-08 | 1-5 | LD ₅₀ 3030 mg/kg Oral (Rat) LD ₅₀ >5000 mg/kg Skin (Rabbit) |
| d-Limonene | 5989-27-5 | 1-5 | LD ₅₀ 4400 mg/kg Oral (Rat) LD ₅₀ 5000 mg/kg Skin (Rabbit) |
| Ammonium Lauryl Sulphate | 2235-54-3 | 1-5 | LD ₅₀ >5000 mg/kg (Oral Rat) |

Section III. Physical and Chemical Properties

Appearance: Translucent amber liquid
PH (100%): 7.5 – 8.5
Boiling Point: >100°C
Odour: d-Limonene / Orange
Solubility in Water: 100%
Specific Gravity: 1.00

Section IV. Fire and Explosion Hazard Data

Flash Point (TCC): >100°C
Extinguishing Media: Match media to surrounding fire.
Hazardous Combustion Products: Carbon/nitrogen oxides.
Unusual Fire and Explosion Hazards: None.

Section V. Reactivity Data

Stability: Stable
Products to Avoid: None known
Conditions to Avoid: None known
Hazardous Decomposition Products: None known

Section VI. Toxicological Properties

Effects of Overexposure

Eyes: May cause mild irritation.
Skin: May cause mild irritation.
Ingestion: May cause stomach discomfort, vomiting and diarrhea.
Inhalation: May cause irritation to nose, throat and respiratory tract



Section VII. First Aid Measures

- Eye Contact:** Flush with cool running water for 15 minutes, removing contact lenses and keeping eyelids open. Get medical attention if irritation persists.
- Skin Contact:** Flush with cool running water for 15 minutes, removing contaminated clothing. Get medical attention if irritation persists.
- Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth, then drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.
- Inhalation:** If breathing is difficult, remove to fresh air. If not breathing, give artificial respiration. Obtain medical attention immediately.

Section VIII. Preventative Measures

Personal Protective Equipment

- Eyes:** Eye protection is recommended.
- Skin:** Impervious gloves are recommended for prolonged or repeated handling.
- Respiratory:** No protective equipment is needed under normal use conditions.

Spill or Leak Procedures

- Cleanup:** Flush residue or small spills to sanitary sewer. Dike or dam large spills. Pump to containers or soak on inert absorbent and place in suitable containers for disposal.
- Waste Disposal:** Dispose of in accordance with Federal, Provincial and Municipal regulations.

Handling and Storage

- Handling:** Avoid contact with eyes and skin. Rinse thoroughly with water after contact.
- Storage:** Keep out of reach of children. Keep container tightly closed. Store in cool, well-ventillated area.

Section IX. Preparation and Other Information

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|-------------------------|--|--------------|----------------|
| Prepared By: | Regulatory Affairs | Date: | July, 2008 |
| Manufactured By: | Sanilabs, Inc., 90 Turbine Drive Unit#10, Toronto, Ontario M9L 2S2 | | |
| Telephone: | (416) 744-0040 | Fax: | (416) 744-0020 |
| Website: | www.sanilabs.com | | |

Emergency Response Number: CANUTEC (613) 996-6666 (Collect)

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