



Material Safety Data Sheet

Pine-kleen

Section I. Product Identification

Product Name: Pine-kleen **WHMIS Class:** D2B
Product Use: Pine Oil Cleaner / Deodorizer **Product Code(s):** 232504, 232520, 232521
Concentrate Hazard Ratings: **Health:** 1 **Fire:** 0 **Reactivity:** 0
TDG Class: Not regulated **Packing Group:** N/A **UN Number:** N/A **Name:** N/A

Section II. Hazardous Ingredients

<u>Chemical Name</u>	<u>CAS#</u>	<u>% by Weight</u>	<u>Toxicity</u>
Pine Oil	8002-09-3	1-5	LD ₅₀ 2760 mg/kg Oral (Rat) LD ₅₀ 5100 mg/kg Skin (Rabbit)
Ethylenediaminetetraacetate, Sodium	64-02-08	1-5	LD ₅₀ 3030 mg/kg Oral (Rat) LD ₅₀ >5000 mg/kg Skin (Rabbit)

Section III. Physical and Chemical Properties

Appearance: Clear green liquid	Odour: Pine
PH (100%): 11-12	Solubility in Water: 100%
Boiling Point: >100°C	Specific Gravity: 1.01

Section IV. Fire and Explosion Hazard Data

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

Section V. Reactivity Data

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

Section VI. Toxicological Properties

Effects of Overexposure

Eyes: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: May cause irritation to mouth, throat and stomach.
Inhalation: No known significant effects or hazards.



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.
- 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

- 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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