



5332 Dansher Road
Countryside, Illinois 60525

MATERIAL SAFETY DATA SHEET

Revision Date: 8/10/2005

MSDS No. N-872

Emergency Phones: 708-579-8100 (NYCO)

800-424-9300 (CHEMTREC)

PLEASE NOTE: This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT-TO-KNOW regulations. Also make this information available to any employee who requests it. It is your obligation to comply with these regulations.

SECTION I - PRODUCT IDENTITY

PRODUCT NAME: Pine Oil Cleaner

Formula: Mixture, soap, pine oil and alcohol in water.

Chemical Type: As above

HMIS RATINGS

Health = 1 (Slight)	Flammability = 1 (Slight)
Reactivity = 0 (Minimal)	Protection = B (Goggles & Gloves)

SECTION II - HAZARDOUS INGREDIENTS

	<u>PERCENT</u>	<u>TLV</u>	<u>CARCINOGEN (OSHA,TP,IARC)</u>
Isopropanol CAS No. 67-63-0	<5%	400 ppm	No
Pine Oil CAS No. 8002-09-3	<5%	None	No

SECTION III - CHEMICAL AND PHYSICAL

Appearance: Clear Straw Liquid	Boiling Point: <212° F
Odor: Pine Scent	Melting Point: N/A
Ph: 11.5 – 12.6	Spec. Gravity (H ₂ O = 1): 0.99
Water Solubility: Complete	Vapor Pressure (Mm Hg): N/A
Viscosity: Water Thin	VOC Content: 5%

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point (Method): >200oF. CCp.	Explosion Limits:	Upper: N/A Lower: N/A
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Extinguishing Media: Water fog, foam, alcohol foam, CO₂, dry chemical

Special Firefighting Procedures and Hazards: Minimize prolonged skin and eye contact. Wear eye protection if exposure is likely.

SECTION V - REACTIVITY INFORMATION

Stable: <input checked="" type="checkbox"/>	Unstable: <input type="checkbox"/>
Precautions: Incompatibility: None known	
Hazardous Decomposition Products: If in a fire: CO, CO ₂ , hydrocarbons.	
Hazardous Polymerization: Occurs: <input type="checkbox"/>	Does Not Occur: <input checked="" type="checkbox"/>

SECTION VI - HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

- Inhalation: Breathing of mists may cause irritation. Remove to fresh air. Give artificial respiration or oxygen if needed.
- Skin: Extended contact may cause irritation or defatting. Wear protective gloves if necessary. Flush skin with water for 15 minutes. Get medical attention for any irritation.
- Eyes: Can cause irritation. Wear goggles as needed. Flush immediately with water for 15 minutes. Get prompt medical attention if needed.
- Ingestion: May cause a mild gastric disturbance. Drink lots of water or, preferably milk or juices. Do not induce vomiting. Get medical attention if effects persist.

Most likely routes of entry: Skin, Eyes.

Other Important Medical or Precautionary Information: None

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or other methods and held for disposal or reuse.

Storage and Handling: Check daily for any leaks from containers, vessels, pumps, and piping.

Waste Disposal: Product may be disposable in sewers if local regulations permit. Otherwise send to a licensed treatment facility.

Empty Containers: Rinse well before handling and disposal. Observe label precautions.

Other Precautions: None

SECTION VIII - REGULATORY INFORMATION

Reportable for SARA Title III, S.313 (Form R): None

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