

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION			
Trade Name PINE OIL DISINFECTANT	Product Type Pine Oil Disinfectant		
SECTION 2 - HAZARDOUS INGREDIENTS			
CHEMICAL NAME/Common Name	CAS NO.	PERCENT(optional)	TLV(Source)
Potassium Tallate	*61790-44-1		Not Established
Pine Oil	8002-09-3		Not Established
Other ingredients in this product are : <input type="checkbox"/> Less than 1% by weight or less than 0.1% for carcinogens <input checked="" type="checkbox"/> Not hazardous <input type="checkbox"/> Declared to be Trade Secret			
SECTION 3 - PHYSICAL DATA			
Boiling point(°F.) Near 400	Specific Gravity(H2O=1.0) (± 0.005) 0.860	pH (± 0.5) 11.0	
Vapor Pressure(mm Hg) Unknown	Vapor Density(Air=1) Unknown		
Solubility in water <input type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input checked="" type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate(vs. H2O) <input type="checkbox"/> Faster <input checked="" type="checkbox"/> Slower <input type="checkbox"/> About the Same			
Appearance and Odor Slightly Viscous Liquid, Pine Odor			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point(T.C.C.) °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits Upper Unknown	Lower Unknown	
Extinguishing Media CO2, dry chemical, foam, water spray.			
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
Unusual Fire and Explosion Hazards None known.			
SECTION 5 - REACTIVITY DATA			
Stability Stable	Incompatibility Strong oxidizers		
Hazardous Decomposition Products Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.			
SECTION 6 - HEALTH HAZARDS			
Primary Routes of Exposure <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other			
Signs and Symptoms of Overexposure (Acute) Eyes: Causes burns. Skin: Severe irritation. Swallowing: Irritation of mucous membranes,diarrhea. Vomiting may occur.			
Signs and Symptoms of Overexposure(Chronic) None known			
Medical Conditions Aggravated by Overexposure None known		Carcinogen/Suspect Carcinogen Ingredients <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE	
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes Flush immediately with water for at least 15 minutes. Call a physician.			
Skin Wash with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, Call a physician.			
Ingestion Drink large quantities of milk or water. Call a physician.			
Inhalation Remove exposed person to fresh air. Treat symptomatically. Call a physician.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection Not needed under normal conditions of use.			
Ventilation Requirements <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other			
Protective Gloves Rubber	Eye Protection Safety glasses/goggles		Other Protective Clothing May be needed where likely exposure may occur
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled Flush area with water. For large spills,contain spill and collect for disposal.			
Waste Disposal Methods Dispose of in accordance with applicable Federal, State and Local ordinances.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken in Handling and Storage Avoid contact with eyes, skin or clothing. Use with adequate ventilation. Wash thoroughly after handling.			

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product,if diluted, under conditions of ordinary use.

POD

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