

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION			
Trade Name PINE Q		Product Type Disinfectant Cleaner	
SECTION 2 - HAZARDOUS INGREDIENTS			
CHEMICAL NAME/Common Name	CAS NO.	PERCENT(optional)	TLV(Source)
n-Alkyl (58% C14, 28% C16, 14% C12) dimethyl benzyl ammonium chlorides	139-07-1		Not Established
Pine Oil	8002-09-3		Not Established
Other ingredients in this product are : <input checked="" type="checkbox"/> Less than 1% by weight or less than 0.1% for carcinogens <input checked="" type="checkbox"/> Not hazardous <input checked="" type="checkbox"/> Declared to be Trade Secret			
SECTION 3 - PHYSICAL DATA			
Boiling point(°F.) Near 212	Specific Gravity(H ₂ O=1.0) (± 0.005) 0.990	pH (± 0.5) 7.0	
Vapor Pressure(mm Hg) Unknown	Vapor Density(Air=1) Unknown		
Solubility in water <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate(vs. H ₂ O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" 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 CO ₂ , 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 checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other			
Signs and Symptoms of Overexposure (Acute) Eyes: Redness,severe eye damage. Skin: Burns. Swallowing: probable mucosal damage, possible respiratory depression, possible convulsions.			
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 Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing/ shoes. Call a physician. Wash clothing before reuse.			
Ingestion Drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.			
Inhalation Not applicable			
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"/> Room Ventilation Is Adequate			
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 Absorb with suitable absorbent. For large spills,absorb with suitable absorbent, then shovel into containers.			
Waste Disposal Methods Dispose of in accordance with applicable Federal, State and Local ordinances.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken Do not contaminate food or water by storage or disposal. Triple rinse(or equivalent) empty container before disposal. Do not get in eyes on skin or clothing. in Handling and Storage			

The health hazards given on the 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 over exposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, under normal conditions of use.

30-69B PQT

1/1/2008