

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

SECTION 1 - PRODUCT IDENTIFICATION			
<b>Trade Name</b> PINE Q	<b>Product Type</b> 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			
<b>Boiling point(°F.)</b> Near 212	<b>Specific Gravity(H2O=1.0)</b> (± 0.005) 0.990	<b>pH</b> (± 0.5) 7.0	
<b>Vapor Pressure(mm Hg)</b> Unknown	<b>Vapor Density(Air=1)</b> Unknown		
<b>Solubility in water</b> <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
<b>Evaporation Rate(vs. H2O)</b> <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same			
<b>Appearance and Odor</b> Slightly Viscous Liquid, Pine Odor			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
<b>Flash Point(T.C.C. )</b> °F. <input checked="" type="checkbox"/> None to Boiling	<b>Flammable Limits Upper</b> Unknown	<b>Lower</b> Unknown	
<b>Extinguishing Media</b> CO2, dry chemical, foam, water spray.			
<b>Special Firefighting Procedures</b> Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
<b>Unusual Fire and Explosion Hazards</b> None known.			
SECTION 5 - REACTIVITY DATA			
<b>Stability</b> Stable	<b>Incompatibility</b> Strong oxidizers		
<b>Hazardous Decomposition Products</b> Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.			
SECTION 6 - HEALTH HAZARDS			
<b>Primary Routes of Exposure</b> <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other			
<b>Signs and Symptoms of Overexposure (Acute)</b> Eyes: Redness,severe eye damage. Skin: Burns. Swallowing: probable mucosal damage, possible respiratory depression, possible convulsions.			
<b>Signs and Symptoms of Overexposure(Chronic)</b> None known			
<b>Medical Conditions Aggravated by Overexposure</b> None known		<b>Carcinogen/Suspect Carcinogen Ingredients</b> <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE	
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
<b>Eyes</b> Flush immediately with water for at least 15 minutes.Call a physician.			
<b>Skin</b> Flush immediately with water for at least 15 minutes. Remove and wash all contaminated clothing before re-use. Call a physician.			
<b>Ingestion</b> Drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.			
<b>Inhalation</b> N/A			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
<b>Respiratory Protection</b> Not needed under normal conditions of use.			
<b>Ventilation Requirements</b> <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other			
<b>Protective Gloves</b> Rubber	<b>Eye Protection</b> Safety glasses/goggles		<b>Other Protective Clothing</b> May be needed where likely exposure may occur
SECTION 9 - SPILL OR LEAK PROCEDURES			
<b>Steps to be Taken if Released or Spilled</b> Absorb with suitable absorbent. For large spills,absorb with suitable absorbent, then shovel into containers.			
<b>Waste Disposal Methods</b> Dispose of in accordance with applicable Federal, State and Local ordinances.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
<b>Precautions to be Taken in Handling and Storage</b> 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.			

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.