

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable
Not Est. = Not Established
Prop. = Proprietary

SECTION 1 - MANUFACTURER / DISTRIBUTOR INFORMATION

Product Name: PINE-QUAT Disinfectant Cleaner
Supplier's Name: National Chemical Laboratories of PA, Inc.
Supplier's Address: 401 N. 10th Street · Philadelphia PA 19123
HMS Hazard Code: Health: 2 Flammability: 2 Reactivity: 0 Other: 0
Chemical Family: Disinfectant Cleaner
D.O.T. Shipping Name: N/A

Product #: 0237
Emergency Phone #: CHEM-TEL (800) 255-3924
Chemical Name: N.A. Proprietary Blend
Formula: N.A. Blended Product
Hazard Class: N/A **D.O.T. ID#:** N/A

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
Isopropyl Alcohol	67-63-0	PROP.	400 ppm
N-Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	PROP.	400 mg/kg (LD50 ORAL)
Polyethylene Mono(Nonylphenyl) Ether Glycols	9016-45-9	PROP.	Not Est.
Pine Oil	8002-09-3	PROP.	Not Est.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F): 212 **Specific Gravity:** 0.992
Vapor Pressure: 26 mm **Evaporation Rate:** = To Water
Vapor Density: = To Water
Solubility in Water: Complete
Appearance: Amber Liquid
Odor: Pine

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (°F): 110 (TCC)
Flammable Limits: N.A.
Unusual Fire & Explosion Hazards: None

SECTION 5 - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: No Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.
Effects of Overexposure: Causes skin and eye irritation. May be harmful if swallowed. If ingested may cause severe gastric irritation and toxic reaction.
Emergency & First Aid Procedures: **For Eyes:** Flush eyes with water for at least fifteen minutes and seek medical attention. **For Skin:** Flush skin thoroughly with water. If irritation persists seek medical attention. **If ingested:** Do not induce vomiting. Give milk, egg white, gelatin or water. Seek medical attention. Never give anything by mouth to an unconscious person.
Conditions Aggravated by Exposure: May aggravate dermatitis and irritate sensitive skin.
Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): None

SECTION 6 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Incompatibility: Avoid contact with strong acids and oxidizers
Hazardous Decomposition Products: Carbon Oxides and Amines
Hazardous Polymerization: Will not occur.

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Recontainerize by mopping, wet vacuum, or using a suitable absorbent. Be cautious of slippery floors.
Waste Disposal Method: Follow local, state and federal regulations. See product label for EPA disposal requirements.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required
Ventilation: Local
Protective Gloves: Latex or rubber
Eye Protection: Goggles or safety glasses with side shields
Other Protective Equipment: Rubber boots recommended if working in standing solutions.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store between 40°F and 120°F.
Other Precautions: It is a violation of federal law to use this product in a manner inconsistent with its labeling. Keep out of reach of children. For professional use only.

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Date Prepared – 03/24/08 By: G.C.