

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 Fresh Neutral Disinfectant Cleaner
Supplier's Name: National Supply, Inc.
Supplier's Address: 12010 Old Baltimore Pike • Beltsville, MD 20705
HMIS Hazard Code: Health:2 Flammability:2 Reactivity:0 Other:0
Chemical Family: Quaternary Ammonium Disinfectant Cleaner
D.O.T. Shipping Name: N/A

Product #: 0237
Emergency Phone #: 1 (301) 937-9795
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 NO.	% Concentrate 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°
Vapor Pressure: 26 MM
Vapor Density: = To Water
Solubility In Water: Complete
Appearance: Amber Liquid
Odor: Pine

Specific Gravity: .992
Evaporation Rate: = To Water

SECTION 4-FIRE AND EXPLOSION DATA

Flash Point (F): 110° F (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. If ingested may cause severe gastric irritation and toxic reaction.
Emergency & First Aid Procedures: **For Eyes:** Flush thoroughly with water for at least fifteen minutes and get medical aid. **For Skin:** Flush thoroughly with water. If irritation persists get medical aid. **If Ingested:** Do not induce vomiting. Give milk, egg white, gelatin, or water. Get medical aid.
Conditions Aggravated by Exposure: May aggravate existing dermatitis and irritate sensitive skin.

Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): None

SECTION 6-REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Incompatibility: 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 label for EPA disposal requirements.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required.
Ventilation: Local.
Protective Gloves: Latex or rubber.
Eye Protection: Safety glasses.
Other Protective Equipment: Rubber boots are recommended if working in standing solutions.

SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store between 40 and 140 F.
Other Precautions: It is a violation of federal law to use this product in a manner inconsistent with its label. Keep out of reach of children. For sale to, use and storage by service personnel only.

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