

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

**PRODUCT NAME:** PINE CLEANER  
**PRODUCT USE:** All Purpose Cleaner

**DOT SHIPPING NAME:** N.A.

**COMPANY:**  
De Vere Company, Inc.  
1923 Beloit Ave. P.O Box 8444  
Janesville, WI 53547-8444

**Phone:** 608 752-0576

**24 Hour Emergency:** CHEMTREC: 800-424-9300

ABBREVIATION KEY: N.A. = Not Applicable N.E. = Not Established N.D. = Not Determined

H.M.I.S.

3	HEALTH	4 = Extreme
0	FIRE	3 = High
0	REACTIVITY	2 = Moderate
B	PERSONAL	1 = Slight
	PROTECTION	0 = Insignificant

A = Goggles, B = Goggles & Gloves,  
C = Goggles, Gloves, & Apron

## SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

<u>HAZARDOUS CHEMICAL IDENTITY</u>	<u>CAS NO.</u>	<u>%</u>	<u>PEL</u>	<u>TLV</u>	<u>LD50 Oral</u>	<u>LC50</u>
Non Ionic Surfactant	9036-19-5	8-12	N.E.	N.E.	500 mg/kg	N.E.
Pine Oil	8002-09-3	6-9	N.E.	N.E.	2.76g/kg	N.E.
Alkyl Dimethyl Ammonium Chloride (C12-16)	68424-85-1	1-2	N.E.	N.E.	426 mg/kg	N.E.
Isopropanol	67-63-0	4-7	400 ppm	400 ppm	6410 mg/kg	6410 mg/kg

This mixture does not contain components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 and CFR 40, Part 372

## SECTION 3 - PHYSICAL DATA

**Color:** Clear      **Boiling Point:** 212 F      **Weight per Gallon:** 8.25      **pH:** 7  
**Odor:** Pine      **Freezing Point:** N.E.      **Specific Gravity:** 0.99  
**Physical State:** Liquid      **Solubility in Water:** Complete      **Evaporation Rate (Water=1):** N.E.

## SECTION 4 - FIRE AND EXPLOSION DATA

**Flash Point and Method:** N.A.      **Autoignition Temperature:** N.A.      **Extinguishing Media:** Water, Dry Foam, CO2  
**Flammable Limits:** N.A.      **LEL:** N.A.      **Special Fire Fighting Procedures:** Self Contained Breathing Apparatus.  
**Hazardous Combustion Products:** None      **UEL:** N.A.      **Unusual Fire and Explosion Hazards:** None

## SECTION 5 - REACTIVITY DATA

**Chemical Stability:** Stable      **Hazardous Decomposition of by-products:** None  
**Incompatibility (Materials to Avoid):** Acids And Other Cleaning Products.      **Hazardous Polymerization:** Will Not Occur

## SECTION 6 - TOXOLOGICAL PROPERTIES

**Routes of Entry:** Eyes, Skin, Ingestion, Inhalation      **Medical Conditions Aggravated by Exposure:** N.E.  
**EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):**  
**Eyes:** Direct Contact May Cause Severe Irritation And Corneal Injury      **Carcinogenic Effects:** None  
**Skin:** May Cause Irritation Or Redness      **Mutagenic Effects:** None  
**Ingestion:** May Cause Mouth, Throat and Gastrointestinal Irritation.      **Teratogenic Effects:** None  
**Inhalation:** Prolonged Exposure In A Poorly Ventilated Area      **Reproductive Toxicity:** None  
May Irritate Nasal Mucous Membranes.

## SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** None Required With Adequate Ventilation      **Ventilation:** Local Exhaust  
**Protective Gloves:** Rubber Gloves      **Eye Protection:** Chemical Splash Goggles If Eye Contact Possible  
**Storage Requirements:** Store In A Well Ventilated Area      **Work and Hygenic Practices:** Never Mix Cleaning Products With Others. Prevent Contact With Skin And Eyes.  
**Steps to be Taken if Material Is Spilled or Released:** Flush Small Spill To Drain Or Soak Up With Absorbent Material      **Other Requirements:** KEEP AWAY FROM CHILDREN. For Commercial Use Only. Do Not Reuse Empty Container. Rinse Before Disposal.  
**Waste Disposal:** Neutralized Material Can Go Into Trash Collection. Dispose Of Large Spills In Accordance With Local, State And Federal Rregulations.

## SECTION 8 - EMERGENCY FIRST AID PROCEDURES

**FIRST AID - Take product container when going for medical attention.**

**Eyes:** Flush With Plenty Of Water For 15 Minutes, Seek Immediate Medical Attention.

**Ingestion:** Give Large Amount Of Water. Do Not Induce Vomiting. Seek Immediate Medical Attention.

**Skin:** Wash With Soap And Water. Remove Contaminated Clothing.

**Inhalation:** Move To Fresh Air. If Symptoms Persist, Seek Medical Attention.

**Note to Physician:** No Further Information.

**Prepared By:** Office of Frank Drew

**Phone:** 608-752-0576

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