

PINE FRESH DISINFECTANT

SECTION I

HARVARD CHEMICAL RESEARCH

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HEALTH	3	0=Least
FLAMMABILITY	1	1=Slight
REACTIVITY	0	2=Moderate
		3=High
		4=Extreme

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
DIMETHYLAMMONIUM CHLORIDE	68425-95-3	NOT ESTAB.	NOT ESTAB.		
DIMETHYLBENZYLAMMONIUM CHLORIDE	68424-85-1	NOT ESTAB.	NOT ESTAB.		
ISOPROPANYL ALCOHOL	67-63-0	400 ppm	400 ppm	500 ppm	
SODIUM SESQUICARBONATE	533-96-0	NOT ESTAB.	NOT ESTAB.		
PINE OIL	8002-09-3	NOT ESTAB.	NOT ESTAB.		
TETRASODIUM ETHYLENEDIAMINE					
TETRAACETATE	64-02-8	NOT ESTAB.	NOT ESTAB.		

NOTE: AN '*' UNDER 'SK' (SKIN) INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT.

SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: ND	Appearance and odor: Clear liquid with pine odor.
Vapor Pressure (mm Hg): ND	Specific Gravity (H2O=1): .99
Vapor Density (Air=1): ND	Melting Point: NA
Solubility in Water: COMPLETE	Evaporation Rate:(Butyl Acetate=1) ND

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):NONE Flammable Limits:LEL: N/A UEL: N/A
Extinguishing Media: Carbon dioxide, dry chemical, or alcohol foam.
Special Fire Fighting Procedures: NONE
Explosion Hazards: NONE

SECTION V-REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Oxidizers or strong acids.
Hazardous Decomposition or Byproducts: Heat, carbon dioxide, and carbon monoxide.
Hazardous Polymerization: Will not occur.

SECTION VI-HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): NONE KNOWN
Routes of Entry, Signs of Exposure, and Symptoms of Exposure:
SKIN and EYES: Severe irritant to eyes.
INHALATION: Irritation and difficulty in breathing
INGESTION: Gastric pain and vomiting.
Medical Conditions Generally Aggravated by Exposure: Unknown
Carcinogenic: NONE
Emergency and First Aid Procedures:
SKIN & EYE CONTACT: Rinse skin with clear water. For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.
INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.
INGESTION: Immediately drink large quantities of water. Get medical attention.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: Dilute with water and flush to sanitary sewer.
Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.
Other Precautions: Keep this and all chemicals out of the reach of children.

SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): For exposure above established limits (see section II) use NIOSH/MSMA approved dust/mist mask.
Ventilation: Mechanical: Recommended.
Protective Gloves: Rubber or neoprene.
Eye Protection: Chemical goggles with side shields.
Other Protective Clothing or Equipment: Drenching safety shower and eye wash station.

SECTION IX-ADDITIONAL INFORMATION

ENVIRONMENTAL
BIODEGRADABILITY: BIODEGRADABLE.

SARA TITLE III REPORTING REQUIREMENTS
SECTION 302, 304REPORTING NOT REQUIRED
311, 312REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
313REPORTING MAY BE REQUIRED FOR USERS IN MANUFACTURING SECTOR.
CERCLASAME AS SECTION 304