



Material Safety Data Sheet
 OSHA's Hazard Communication Standard
 U.S. Department of Labor

29 CFR 1910.1200

OMB No. 1218-0072

Identity #	01106	Name	PINE ODOR DISINFECTANT
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Section 1

Manufacturer's Name - Genlabs (Formerly General Chemical Corp.)

Address - 5568 Schaefer Ave. Emergency Phone (Chemtrec) 1-(800)-424-9300

City - Chino State - CA Phone - (909) 591-8451

Contact Person - Solaiman Jonatan

Date Prepared- 12/19/2006

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV	Weight% (Optional)
Quaternar Ammonium Chloride	139071, 139082, 122189	NONE	NONE	
Pine Oil	8002093	NONE	NONE	

Note:

VOC Content- 92.7 g/L

Section 3 - Physical/Chemical Characteristics

Boiling Point- $>212^{\circ}\text{F}$

Specific Gravity- 0.980

Vapor Pressure - Not Tested

Melting Point - Not Tested

Vapor Density - Not Tested

Evaporation Rate - Not Tested

Solubility In Water- 100%

Appearance and Odor- BROWN COLOR LIQUID WITH PINE ODOR.

Section 4 - Fire and Explosion Hazard Data

Flash Point- None

Flammable Limits - Not Tested

LEL- Not Tested

UEL- Not Tested

pH- 6.5 - 8.5

DOT# NONE

NFPA Hazard Rating - (0- Least, 4- Extreme)	H 1	F 0	R 0	S 0	HMIS Hazard Rating -	H 1	F 0	R 0
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Extinguishing Media- CO2, DRY FOAM

Special Fire Fighting Procedures NONE

Unusual Fire and Explosion Hazards- NONE

Section 5 - Reactivity Data

Stability - Stable

Conditions to Avoid - None

Incompatible Materials to Avoid- Anionic Materials, Strong Oxidizers

Hazardous Decomposition or Byproducts-	CO, CO2
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Hazardous Polymerization- NONE

Conditions to Avoid- None

Section 6 - Health Hazard Data

Routes of Entry

Inhalation? - Possible

Skin? - Possible

Ingestion? - Possible

Health Hazards - Same as Signs and Symptoms of Exposures

Note - All Chemicals in this Product are Found on the TSCA Inventory List.

OSHA Carcinogenicity? - None; NTP? - None; IARC Monographs? - None.

01106

Signs and symptoms of over exposure:

Eyes - Burning Sensation

Skin- Irritant

Ingestion-Toxic, Do Not Induce Vomitting, Call Physician

Inhalation- Dizziness, Headaches, Irritation

Medical Conditions Generally Aggravated by Exposure - Same as Signs and Symptoms of Over Exposure

Emergency and First Aid Procedures

Eyes - Flush With Water For 15 Minutes. If Irritation Persists, Call Physician.

Skin- Wash Off With Soap & Water, If Irritation Persists, Call Physician

Ingestion- Drink Large Amounts of Water, Call Physician

Inhalation- Get Person to Fresh Air If Unconscious, Call Physician

Section 7 - Precautions For Safe Handling and Use.

Steps to be taken in case material is released or spilled - Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container.

Waste Disposal Method - Dispose of in accordance with state and local regulations.

Precautions To Be Taken In Handling and Storing - Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32 F, or heat above 110 F.

Other Precautions - Keep out of reach of children. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory Protection - Open all doors and windows. "If" there is an exposure, and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134, is required.

Ventilation	Local Exhaust - If Available	Special - None
	Mechanical - If Available	Other - None

Protective Gloves- Plastic or Rubber, Chemical Resistant

Eye Protection- Glasses, Goggles

Other Protective Clothing or Equipment- None

Work Hygenic Practices - Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label which will dictate engineering and control measures.

Other Special Requirements None

Note: Genlabs believes the data set forth are accurate, Genlabs makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion