



Material Safety Data Sheet

Revision Date: 11/14/2005

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Section I. Product and Company Information

Emergency Contact: Chem*Tel (800) 255-3924

Product Name: **ECOPINE**

Code: **1644**

Shipping Description: COMBUSTIBLE LIQUIDS, N.O.S.

Sold by: Theochem Laboratories Inc
7373 Rowlett Park Drive
Tampa, FL 33610-1141

(Contains Isopropanol)
C, NA1993, PG III

NFPA Ratings:

Health: 1 - Slight
Fire: 0 - Minimal
Reactivity: 0 - Minimal

HMIS Ratings:

Health: 1 - Slight
Fire: 0 - Minimal
Reactivity: 0 - Minimal

Section II. Hazardous Ingredients

Name	CAS #	% By Weight	OSHA PEL	ACGIN TCL	Other Limits
Pine Oil (Apha Terpinol)	98-55-5	<3%	Not Estab	Not Estab	N/A
Isopropyl Alcohol	67-63-0	<10%	400 PPM	400 PPM	N/A

**Indicates hazardous ingredients which are toxic chemicals subject to the reporting requirements of section 3013 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 32*

Section III: Physical/Chemical Characteristics

Boiling Point:	212° F	Specific Gravity (Water = 1):	0.9923
Vapor Pressure (mm.HG):	<2	Melting Point:	N/A
Vapor Density (Air = 1):	5.3	Evaporation Rate (BuAc = I):	SLOWER
Solubility In Water:	COMPLETE	pH of Concentrate:	12.2 ± 0.3
Appearance and Odor:	DARK BROWN LIQUID, PINE ODOR		

Section IV: Fire and Explosion Hazard Data

Flash Point (method used):	120° F (Closed Cup)	Flammable Limits:	N/A
LEL:	N/A	UEL:	N/A
Extinguishing Media:	WATER FOG, FOAM, CO2, DRY CHEMICAL		
Special Firefighting Procedures:	NONE		
Unusual Fire & Explosion Hazards:	DO NOT OPEN CONTAINER WITH TORCH AS EXPLOSION MAY RESULT.		

Section V: Reactivity Data

Product Is:	STABLE
Conditions To Avoid:	N/A
Incompatibility (materials to avoid):	STRONG OXIDIZERS
Hazardous Decomposition or Byproducts:	OXIDES OF CARBON ON INCINERATION
Hazardous Polymerization:	WILL NOT OCCUR

Section VI: Health Hazard DataRoute(s) Of Entry:

Inhalation: YES
 Skin: NO
 Ingestion: UNLIKELY
 Health Hazards (Acute & Chronic): SEVERE IRRITATION TO EYES. IRRITATING ON SKIN.
 HARMFUL IF SWALLOWED.
 Carcinogenicity: NTP: NO
 ARC Mongraphs: NO
 OSHA Regulated: NO
 Signs & Symptoms Of Exposure: EYE & SKIN IRRITATION
 Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid ProceduresSkin Contact:

REMOVE CONTAMINATED CLOTHING. FLUSH SURFACE WITH LARGE AMOUNTS OF WATER IMMEDIATELY. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS

Eye Contact:

FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINS., SEEK MEDICAL ATTENTION IMMEDIATELY.

Ingestion:

DO NOT INDUCE VOMITING, CONTACT A PHYSICIAN OR POISON CONTROL CENTER. OFFER SMALL AMOUNTS OF WATER OR MILK. SEEK IMMEDIATE MEDICAL ATTENTION.

Inhalation:

N/A

Section VII: Precautions For Safe Handling And UseSpill Steps:Waste Disposal Method:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

Storage & Handling:

STORE IN A COOL, DRY AREA.. KEEP AWAY FROM HEAT & SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Section VIII: Control Measures

Respiratory Protection: NONE REQUIRED WITH ADEQUATE VENTILATION
 Ventilation: Local Exhaust: ADEQUATED
 Special: N/A
 Mechanical: N/A
 Other: N/A
 Protective Gloves: RUBBER
 Eye Protection: GOGGLES
 Other Protective Equip/clothing: RUBBER BOOTS & IMPERVIOUS CLOTHING AS REQUIRED TO PREVENT DIRECT PHYSICAL CONTACT.
 Work/hygienic Practices: KEEP CONTAINER CLOSED WHEN NOT IN USE. WASH HANDS AFTER USE.