OIL, MISC: PINE

(CAUTION	ARY RESPO	NSE INFORMATIO	N	ר ו	
Common Synonyms Liquid Arizole Oleum abietis UNI 1272 (DOT) Unipine Floats on war Yarmor pine oil				The second second second	4.1	Flash Point: 180°F C.C.
		Floats on water.	Coloness to pale yellow	odor	4.2 4.3 4.4	Flammable Limits in Air: Currently not available Fire Extinguishing Agents: Water spray, dry chemical, alcohol foam or carbon dioxide. Fire Extinguishing Agents Not to Be
Keep peop Call fire de Avoid conta Notify local Protect wa	le away. partment. act with liquid a I health and po ter intakes.	and vapor. Ilution control agencie	25.		4.5 4.6 4.7	Used: Water may be ineffective. Special Hazards of Combustion Products: Currently not available Behavior in Fire: Forms heavy black smoke and soot. Auto Ignition Temperature: Currently not
Fire	Combustible Water may Wear self co protective c Extinguish w Cool expose	on ineffective on fire. ontained breathing ap iothing. rith dry chemical, alco ed containers with wa	oparatus and ohol foam, or CO ₂ . ter.	4.8 4.9 4.1	available Electrical Hazards: Currently not available Burning Rate: Currently not available 0 Adiabatic Flame Temperature: Currently not available	
Exposure	CALL FOR I VAPOR Irritating to e If inhaled, w difficult breat Move to free If breathing If breathing	MEDICAL AID. ayes, nose and throa ill cause nausea, vor thing or loss of conso h air. has stopped, give art s difficult, give oxyge	t. tifting, headache, biousness. ificial respiration. n.		4.1 4.1 4.1	1 Stoichometric Air to Fuel Ratio: Not pertinent. 2 Flame Temperature: Currently not available 3 Combustion Molar Ratio (Reactant to Product): Not pertinent. 4 Minimum Oxygen Concentration for Combustion (MOCC): Not listed
	LIQUID POISONOU Irritating to s Remove con Flush affect IF IN EYES, plenty of wa IF SWALLO	UID SONOUS IF SWALLOWED. ating to skin and eyes. move contaminated clothing and shoes. h affected areas with plenty of water. N EYES, hold eyelids open and flush with ty of water. SWALLOWED, do not induce vomiting.			5.1 5.2 5.3 5.4 5.5	5. CHEMICAL REACTIVITY Reactivity with Water: No reaction reaction Stability During Transport: Stable Neutralizing Agents for Acids and Caustics: Data not pertinent Polymerization: Data not pertinent
Water Pollution	Water Dangerous to aquatic life in high concentrations. Pollution May be dangerous if it enters water intakes. Notify local health and wildlife officials.					Inhibitor of Polymerization: Data not pertinent
Contain Collection : Chemical a Absorb Clean shor Salvage wa	Systems: Skin Ind Physical Tr e line aterfowl	a eatment:	22 Formula: Mixture, prin 23 IMO/UN Designation: 24 DOT ID No: 1272 25 CAS Registry No: 800 26 NAERG Guide No: 12 27 Standard Industrial Tr 59812	arily CuH-7OH 3.3/1272 02-09-3 9 rade Classification:	6.4	Currently not available Food Chain Concentration Potential: Currently not available GESAMP Hazard Profile: Bioaccumulation: 0 Damage to living resources: 2 Human Oral hazard: 1 Human Contact hazard: 1 Reduction of amenities: X
 Personal Prote gloves. Symptoms Fol irritizes ski is taken init Treatment of E respiration spontaneou call a doct water. TUV-STEL: Not 3.6 TLV-Ceiling: N TUX-STEL: Not 3.6 TLV-Ceiling: N Toxicity by Ing 3.8 Toxicity by Ing 3.8 Toxicity by Ing 3.10 Vapor (Gas) Ir Tox Solit cause sma Odor Thresho Odor Thresho OSIA OF APEL-TV SOSHA PEL-TV SOSHA PEL-TV SOSHA PEL-TV TO SAR AFEL-TV TO SAR AFEL-TV TO SAR AFEL-TV 	ective Equipm lowing Expos If ingested, o lungs, cause ixposure: INH- and oxygen if usly, keep victi listed. : listed. : listed. estion: Grade alation: Curre ty: None ritant Charact resent in high 4 d Characterist of Listed. VA: Not listed. VA: Not listed. Id: Currently n ot listed. VA: Not listed.	3. HEALIH H ent: Organic caniste ure: Vapors can cau can irritate the entire s severe pneumoniti ALATION: remove vi required. INGESTIO m's head below his h n with water for at lea 2; LDso = 3.2 g/kg (r ntly not available. eristics: Vapors cau concentrations. The e ics: Minimum hazard ot available d.	In crain-supplied mask; goggles se headache, confusion, respir digestive system and may inju spulmoary edema/hemorrhage trim to fresh air, call a doctor, a N. Do not induce vorniting. If vo ips to prevent his breathing von st 15 min. SKIN: Wipe off, was atl); TDLo = 4.78g/kg (human) se a slight smarting of the eyes effect is temporary. . If spilled on clothing and allowe	or face shield; rubber atory distress. Liquid re kidneys. If liquid diminster artificial miting occurs ritus into his lungs; h with soap and or respiratory ad to remain, may		Neuclion of ameniles. A

8.5 NFPA Hazard Classification: Category Classification Health Hazard (Blue).........0 Flammability (Red)..... 2 Instability (Yellow)..... 0 8.6 EPA Reportable Quantity: Not listed. 8.7 EPA Pollution Category: Not listed. 8.8 RCRA Waste Number: Not listed 8.9 EPA FWPCA List: Not listed 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Liquid 9.2 Molecular Weight: alpha terpenol primary component 154.25 **9.3 Boiling Point at 1 atm:** >400°F = 204.6°C = 477.75°K 9.4 Freezing Point: <50°F = <10°C = <283.2°K 9.5 Critical Temperature: Currently not available 9.6 Critical Pressure: Currently not available 9.7 Specific Gravity: 0.95 9.8 Liquid Surface Tension: Currently not available 9.9 Liquid Water Interfacial Tension: Currently not available

7. SHIPPING INFORMATION 7.1 Grades of Purity: Currently not available

7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: Currently not available

7.4 Venting: Currently not available 7.5 IMO Pollution Category: B 7.6 Ship Type: 3

8.2 49 CFR Class: 3

8.3 49 CFR Package Group: III 8.4 Marine Pollutant: No

7.7 Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Flammable Liquid

- 9.10 Vapor (Gas) Specific Gravity: 5.3
- 9.11 Ratio of Specific Heats of Vapor (Gas): Currently not available 9.12 Latent Heat of Vaporization: Currently not
- available 9.13 Heat of Combustion: Currently not available
- 9.14 Heat of Decomposition: Currently not available
- 9.15 Heat of Solution: Currently not available 9.16 Heat of Polymerization: Currently not available
- 9.17 Heat of Fusion: Currently not available
- 9.18 Limiting Value: Currently not available
- 9.19 Reid Vapor Pressure: Currently not available

NOTES

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9.20 SATURATED LIQUID DENSITY		9.21 LIQUID HEAT CAPACITY		9.22 LIQUID THERMAL CONDUCTIVITY		9.23 LIQUID VISCOSITY	
Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F	Temperature (degrees F)	British thermal unit inch per hour-square foot-F	Temperature (degrees F)	Centipoise
	CJRRENTLY NOT AVA-LABLE		CURRENTLY NOT AVAILABLE		CJKKENTIN NOT ANALANI		CJRRENTLY NOT AVA-LABLE

9.24 SOLUBILITY IN WATER		9.25 SATURATED VAPOR PRESSURE		9.26 SATURATED VAPOR DENSITY		9.27 IDEAL GAS HEAT CAPACITY	
Temperature (degrees F)	Pounds per 100 pounds of water	Temperature (degrees F)	Pounds per square inch	Temperature (degrees F)	Pounds per cubic foot	Temperature (degrees F)	British thermal unit per pound-F
	S L I GHTLY SOLUBLE	68	0.019		CURRENTLY NOT AVA-LABLE		CJKKENTIN NOT ANALIABIE