N-PROPYL NITRATE

	CAUTION	ARY RESPO	INSE INFORMATION	4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms		Liquid Colorless to pale yellow Ether-like odor		 4.1 Flash Point: 68°F C.C. 4.2 Flammable Limits in Air: LEL: 2%; UEL: 100% 4.3 Fire Extinguishing Agents: Alcohol foam, 	7.1 Grades of Purity: Technical. 7.2 Storage Temperature: Ambient. 7.3 Inert Atmosphere: No requirement. 7.4 Venting: Net liver of requirement.		
Wear full chemical protective clothing, gloves, goggles and approved respirator. Evacuate Shut off ignition sources and call the fire department. Notify local health and pollution control agencies. Protect water intakes.				dry chemical, or carbon dioxide. 4.4 Fire Extinguishing Agents Not to Be Used: Water. 4.5 Special Hazards of Combustion Products: Toxic gases and vapors, such as oxides of nitrogen and carbon	 7.4 Venting: Not listed. 7.5 IMO Pollution Category: Currently not available 7.6 Ship Type: Currently not available 7.7 Barge Hull Type: Currently not available 		
Fire	apparatus.	-	self-contained breathing dry chemical, or CO ₂ .	monoxide, may be released in a fire. 4.6 Behavior in Fire: Currently not available 4.7 Auto Ignition Temperature: 347°F. 4.8 Electrical Hazards: I, B 4.9 Burning Rate: Currently not available	8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Flammable Liquid 8.2 49 CFR Class: 3 8.3 49 CFR Package Group: II 8.4 Marine Pollutant: No		
Exposure	e CALL FOR MEDICAL AID. VAPOR Move victim to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. LIQUID Remove contaminated clothing and shoes. Wash affected areas with soap and water. IF IN EYES, hold eyelids open and flush with plenty of water. IF SWALLOWED and victim is CONSCIOUS, give two glasses of water and induce vomiting.			 4.10 Adiabatic Flame Temperature: Currently not available 4.11 Stoichometric Air to Fuel Ratio: 20.2 (calc.) 4.12 Flame Temperature: Currently not available 4.13 Combustion Molar Ratio (Reactant to Product): 7.5 (calc.) 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 	8.5 NFPA Hazard Classification: Category Classification Health Hazard (Blue) 2 Flammability (Red) 3 Instability (Yellow) 3 Special (White) OX 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		
Water Pollution	Effect of low concentrations on aquatic life is unknown. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.			 5. CHEMICAL REACTIVITY 5.1 Reactivity with Water: No reaction. 5.2 Reactivity with Common Materials: Contact with either strong oxidizers or with combustibles may cause fires and explosions. 	9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Liquid.		
1. CORRECTIVE RESPONSE ACTIONS Stop discharge Collection Systems: Pump Do not burn			 CHEMICAL DESIGNATIONS CG Compatibility Group: Not listed. Formula: CH:CH:CH:NO: IMO/UN Designation: Currently not available DOI D No:: 1865 	 5.3 Stability During Transport: Stable. 5.4 Neutralizing Agents for Acids and Caustics: Not pertinent. 5.5 Polymerization: Will not polymerize. 5.6 Inhibitor of Polymerization: Not pertinent. 	 9.2 Molecular Weight: 105.1 9.3 Boiling Point at 1 atm: 231°F = 111°C = 384°K 9.4 Freezing Point: <-150°F = <-101°C = <172°K 9.5 Critical Temperature: Currently not available 9.6 Critical Pressure: Currently not available 		
2.6 NAERG Guide No: 131 2.7 Standard Industrial Trade Classification: 51140 3. HEALTH HAZARDS 3.1 Personal Protective Equipment: Full, impervious chemical protective clothing and gloves, goggles, and approved respirator. 3.2 Symptoms Following Exposure: Exposure can cause anoxia and cyanosis. Other effects are weakness, dizziness, and severe headaches. 3.3 Treatment of Exposure: Exposure can cause anoxia and cyanosis. Other effects are weakness, dizziness, and severe headaches. 3.3 Treatment of Exposure: Exposure can cause anoxia and cyanosis. Other effects are weakness, dizziness, and severe headaches. 3.3 Treatment of Exposure: Get medical attention. INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration. INHALATION: Remove to the worn when working with this chemical. SKIN: Remove contaminated clothing and should not be worn when working with this chemical. SKIN: Remove contaminated clothing and should not be worn when working with this chemical. SKIN: Remove contaminated clothing and should not be worn when working with this chemical. SKIN: Remove contaminated clothing and should not be worn when working with this chemical. SKIN: Remove contaminated clothing and should not be worn when working with this chemical. SKIN: Remove contaminated clothing and should not be worn when working with this chemical. SKIN: Remove contaminated clothing and should not be worn when working with this chemical. SKIN: Currently not available 3.6 TLV-Ceiling: 40 ppm 3.7 Toxicity by Ingestion: Currently not available 3.9 Okronic Toxicity: Currently not available 3.0 Vapor (Gas) Irritant Characteristics: Vapors cause a slight smarting of the eyes or respiratory				 6.1 Aquatic Toxicity: Currently not available 6.2 Waterfowl Toxicity: Currently not available 6.3 Biological Oxygen Demand (BOD): Currently not available 6.4 Food Chain Concentration Potential: Currently not available 6.5 GESAMP Hazard Profile: Not listed 	 9.8 Liquid Surface Tension: Currently not available 9.9 Liquid Water Interfacial Tension: Currently not available 9.10 Vapor (Gas) Specific Gravity: 3.6 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 Fosion: Currently not available 9.16 Heat of Fusion: Currently not available 9.18 Limiting Value: Currently not available 9.19 Reid Vapor Pressure: Currently not available 		
3.11 Liquid or Soli	d Characteriss arting and redde old: 50 ppm. 00 ppm VA: 25 ppm FEL: Not listed siling: Not liste	ening of the skin.	. If spilled on clothing and allowed to remain, may		TES		

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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
	C UR R E N T L Y N O T A V A I L A B L E		C U R R E N T L Y N O T A V A I L A B L E		C U R R E N T L Y N O T A V A I L A B L E		CURRENTLY NOT AVAILABLE

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
	I N S O L U B L E	68	0.348	68	0.00646		C U R R E N T L Y N O T A V A I L A B L E