TRIETHYL PHOSPHITE

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CAUTIONARY RESPONSE INFORMATION				TION		4. FIRE HAZARDS	7. SHIPPING INFORMATION 7.1 Grades of Purity: Approx. 100% 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: 2 7.7 Barge Hull Type: 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: III		
Common Synonyms Liquid Phosphorous acid, triethyl ester UN 2323 (DOT)		Colorless Odorless		4.2	Flash Point: 115°F C.C. Flammable Limits in Air: Currently not available Fire Extinguishing Agents: Water spray, de charging logdon disvide form				
Keep people away. Avoid contact with liquid and vapor. Wear self-contained breathing apparatus and protective clothing. Shut off ignition sources and call fire department. Notify local health and pollution control agencies.						dry chemical, carbon dioxide, foam. Fire Extinguishing Agents Not to Be Used: Currently not available Special Hazards of Combustion Products: May form hazardous			
Fire Combustible Water may be ineffective on fire. Extinguish with dry chemical, foam, or CO ₂ . Cool exposed container with water.					4.7	decomposition products. Behavior in Fire: Currently not available Auto Ignition Temperature: Currently not available Electrical Hazards: Currently not			
Exposure	re CALL FOR MEDICAL AID. VAPOR OR MIST Harmful if inhaled. Move to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. LIQUID Harmful if absorbed through the skin or swallowed. Remove contaminated clothing. Flush affected areas with soap and plenty of water. IF IN EVES, hold eyelds open and flush with water				4.9 I 4.10 4.11 4.12 4.13	available Burning Rate: Currently not available Adiabatic Flame Temperature: Currently not available Stoichometric Air to Fuel Ratio: 45.2 (calc.) Flame Temperature: Currently not available Combustion Molar Ratio (Reactant to Product): 14.0 (calc.) Minimum Oxygen Concentration for Combustion (MOCC): Not listed	8.4 Marine Pollutant: No 8.5 NFPA Hazard Classification: Category Classification Health Hazard (Blue)		
	1-2 glasses of	WED and victim is C of water or milk and i	•	drink	5.1	5. CHEMICAL REACTIVITY Reactivity with Water: No reaction.	9. PHYSICAL & CHEMICAL PROPERTIES		
Water Pollution	May be dangerous if it enters water intakes.				5.3	Reactivity with Common Materials: No reaction. Stability During Transport: Stable. Neutralizing Agents for Acids and	9.1 Physical State at 15° C and 1 atm: Liquid 9.2 Molecular Weight: 166.16 9.3 Boiling Point at 1 atm: 311°F = 155°C = 478.2°K		
					5.5	Caustics: No reaction. Polymerization: Will not occur. nhibitor of Polymerization: Not	428.2°K 9.4 Freezing Point: Currently not available 9.5 Critical Temperature: Currently not available		
Contain Collection Systems: Skim Do not burn		2. CHEMICAL DESIGNATIONS 2.1 CG Compatibility Group: 34; Esters 2.2 Formula: (C:HeO)pP 2.3 IMO/UN Designation: 3.3/2323 2.4 DOT ID No.: 2323 2.5 CAS Registry No.: 122-52-1 2.6 NAER Guide No.: 129 2.7 Standard Industrial Trade Classification: 51631		6.1	Aquatic Toxicity: Currently not available Waterfowl Toxicity: Currently not available Biological Oxygen Demand (BOD): Currently not available	 9.6 Critical Pressure: Currently not available 9.7 Specific Gravity: 0.969 9.8 Liquid Surface Tension: Currently not available 9.9 Liquid Water Interfacial Tension: Currently not available 9.10 Vapor (Gas) Specific Gravity: 5.73 9.11 Ratio of Specific Heats of Vapor (Gas): Currently not available 			
 HEALTH HAZARDS Personal Protective Equipment: Self-contained breathing apparatus, rubber gloves and rubber boots. Symptoms Following Exposure: Exposure to high concentrations may cause headache, nausea, and dizziness due to reduced chiolinesterase activity. Treatment of Exposure: INHALATION: CALL FOR MEDICAL ASSISTANCE. Remove to fresh air. Treat symptomatically. If not breathing, give artificial respiration. INGESTION: If swallowed and victim is conscious, have victim drink 1-2 glasses of milk or water and induce vomiting. If unconscious, do nothing except keep victim warm. EYES: Flush with water for 15 minutes. SKIN: Flush affected area with soap and plenty of water. T. U-TWA: Not listed. T. U-V-STEL: Not listed. T. V-Ceiling: Not listed. Toxicity by Ingestion: Grade 2; LD₅₀ = 3.2 g/kg (rat). 				ise headache, nausea, and E. Remove to fresh air. STION: If swallowed and iduce vomiting. If	6.5 (Contention for available Food Chain Concentration Potential: Currently not available BESAMP Hazard Profile: Bioaccumulation: 0 Damage to living resources: (3) Human Oral hazard: 1 Human Contact hazard: 1 Reduction of amenities: X	 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 		
3.10 Vapor (Gas) Irr system if pr 3.11 Liquid or Solid cause smar	VA: Not listed. EL: Not listed. illing: Not listed.					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
	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		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

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
	SL-GHTLY SOLUBLE	68	0.019		C U R R E N T L Y NOT A V A I L A B L E		CURRENTLY NOT AVAILABLE