PHOSDRIN

	CAUTIONARY RESPO		4. FIRE HAZARDS	7. SHIPPING INFORMATION	
Common Syno enite evinphos nosfene	onyms Liquid Sinks and mixes wit	Yellow to orange Mild to none th water.	 4.1 Flash Point: 175°F O.C. 4.2 Flammable Limits in Air: Currently not available 4.3 Fire Extinguishing Agents: Currently not 	 7.1 Grades of Purity: Technical >60% alpha isomer; 25% and 50% concentrates; 25' water soluble solutions; 1 and 2% dusts granules 7.2 Storage Temperature: Currently not ava 	
Evacuate. Keep peop Wear gogg Shut off ign	nition sources and call fire departme I health and pollution control agencie	atus, and rubber overclothing (including gloves). ent.	available 4.4 Fire Extinguishing Agents Not to Be Used: Currently not available 4.5 Special Hazards of Combustion Products: Highly toxic fumes are imminent. 4.6 Behavior in Fire: Emits highly toxic	 7.2 Storage reimperature: Currently not available 7.3 Inert Atmosphere: Currently not available 7.4 Venting: Currently not available 7.5 IMO Pollution Category: Currently not available 7.6 Ship Type: Currently not available 7.7 Barge Hull Type: Currently not available 	
Fire	Combustible. POISONOUS GASES ARE PROE Wear goggles, self-contained bre (including gloves).	DUCED IN FIRE AND WHEN HEATED. athing apparatus, and rubber overclothing	fumes. 4.7 Auto Ignition Temperature: Currently not available 4.8 Electrical Hazards: Currently not	8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Poison 8.2 49 CFR Class: 6.1	
Exposure	CALL FOR MEDICAL AID.		available 4.9 Burning Rate: Currently not available	8.3 49 CFR Package Group: II	
.xposure	Move to fresh air. If breathing has stopped, give arti If breathing is difficult, give oxyge Remove contarrinated clothing air Flush affected areas with plenty of IF IN RYES, hold eyelids open air IF SWALLOWED and victim is O and have victim induce vorniting. IF SWALLOWED and victim is U	n, of shoes, of water. Id flush with plenty of water. ONSCIOUS, have victim drink water or milk NCONSCIOUS OR HAVING CONVULSIONS.	 4.10 Adiabatic Flame Temperature: Currently not available 4.11 Stoichometric Air to Fuel Ratio: 40.5 (calc.) 4.12 Flame Temperature: Currently not available 4.13 Combustion Molar Ratio (Reactant to Product): 14.0 (calc.) 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 	8.5 NFPA Hazard Classification: Category Classification: Health Hazard (Blue)	
Water		VERY LOW CONCENTRATIONS.	5. CHEMICAL REACTIVITY 5.1 Reactivity with Water: Hydrolyzes rapidly.	9. PHYSICAL & CHEMICAL	
Pollution	May be dangerous if it enters wat Notify local health and wildlife offi Notify operators of nearby water	ter intakes. icials.	 Reactivity with Common Materials: Corrosive to many metals. Stability During Transport: Stable when anhydrous. Neutralizing Agents for Acids and 	9.1 Physical State at 15° C and 1 atm: Liqu 9.2 Molecular Weight: 224.16 9.3 Boiling Point at 1 atm: 617°F = 325°C =	
Stop discharge Collection Systems: Dredge Do not burn		2.1 CG Compatibility Group: Not listed. 2.2 Formula: CrH::0cP (CH:0)2(P=0)0C(CH:)=CHCOOCH: 2.3 IMO/UN Designation: 6.1/2783 2.4 DOT ID No:: 3018 2.5 CAS Registry No:: 7786-34-7 2.6 NAERG Guide No:: 152 2.7 Standard Industrial Trade Classification: 51631	5.6 Inhibitor of Polymerization: Currently not available 6. WATER POLLUTION 6.1 Aquatic Toxicity: Fresh water 0.014 ppm/48-hour/Rainbow trout/LCso 0.034 ppm/48-hour/Rainbow trout/LCso 0.037 ppm/48-hour/Rainbow trout/LCso	 9.5 Critical Temperature: Currently not ava 9.6 Critical Pressure: Currently not available 9.7 Specific Gravity: 1.25 at 20°C 9.8 Liquid Surface Tension: Currently not available 9.9 Liquid Water Interfacial Tension: Current not available 9.10 Vapor (Gas) Specific Gravity: 7.73 	
 Symptoms Foll Symptoms vision, wea tearing, sal unccontrollal are seen oi Treatment of E respiration EYES: Flu lavage follo TLV-STEL: Not TLV-STEL: Not TLV-STEL: Not TLV-STEL: Not Toxicity by Ing Toxicity by Ing Toxicity by Ing Chronic Toxici 2 to 6 weel 	lowing Exposure: INHALATION, IN secondary to cholinesterase inhibiti akness, nausea, cramps, diarrhea, c livation and other respiratory tracts bie muscle twitches. Convulsions, c nhy in advanced cases. Exposure: Call a physician. INHAL/ and oxygen. Give 2 mg atropine IN sh thoroughly with water. SKIN: Wa owed by saline catharsis. 1 ppm. 1 isted. .03 ppm festion: Grade 4; LD so = below 50 alation: Currently not available.	e clothing, rubber gloves, and breathing apparatus. KGESTION, OR ABSORPTION THROUGH SKIN: ion: headache, giddiness, nervousness, blurred ceretion, vomiting, cyanosis, papiledema and coma, loss of reflexes, and loss of sphincter control ATION: Remove from exposure. Give artificial l every 15 minutes until effect becomes apparent. ash with soap and water. INGESTION: Gastric mg/kg. in hen eggs. Cholinesterase - inhibition persists for oduce more severe symptoms.	 0.04 ppm/24-hour/Bluegill/LCso Saltwater 0.040 ppm/24-hour/Hermit crab/LCso 0.013 ppm/24-hour/Mermit crab/LCso 6.2 Waterfowl Toxicity: 4.6 mg/kg/Young mallard/LDso/Oral 6.3 Biological Oxygen Demand (BOD): Currently not available 6.4 Food Chain Concentration Potential: Low, Highly soluble, Hydrolyzes rapidly, nonpersistant. 6.5 GESAMP Hazard Profile: Not listed 	 (calculated) 9.11 Ratio of Specific Heats of Vapor (Gas) Currently not available 9.12 Latent Heat of Vaporization: Currently 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 Heat of Fusion: Currently not available 9.19 Heat of Polymerization: Currently not available 9.19 Heat of Fusion: Currently not available 9.19 Reid Vapor Pressure: Currently not available 	
	Id: Currently not available ppm VA: 0.1 mg/m ³ TEL: Not listed. illing: Not listed.	nazard. Practically harmless to skin.			

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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
68	78.030		C U R R E N T L Y N O T A V A I L A B L E		CURRENTLY NOT AVAILABLE	77	8.280

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
	M I S C I B L E		N O T E R T I N E N T		C U R R E N T L Y N O T A V A I L A B L E		C URRENTLY NOT AVAILABLE