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C	CAUTION	IARY RESPO	ONSE INFORMATI	ON	4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms Arthodibrom Bromex Dibrom 1,2-Dibromo-2,2-dichloroethyl aimethyl phosphate		Solid or liquid White (solid) Light Slightly pungent straw (liquid)			 4.1 Flash Point: Not flammable 4.2 Flammable Limits in Air: Not flammable 4.3 Fire Extinguishing Agents: Currently not available 4.4 Fire Extinguishing Agents Not to Be Used: Currently not available 4.5 Executed Agents of Combustion 	 7.1 Grades of Purity: Technical, 93% 7.2 Storage Temperature: 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 		
Evacuate. Keep people Wear goggl Notify local	e away. Avoid es, self-contai health and pol	l contact with liquid. ned breathing appar lution control agenci	ratus, and rubber overclothing ies.	(including gloves).	4.6 Behavior in Fire: Currently not available 4.6 Behavior in Fire: Currently not available 4.7 Auto Ignition Temperature: Not pertinent	A A CEP Concerning Not available A A CEP Concerning Not Ended		
Fire	Fire Not flammable.				 4.8 Electrical Hazards: Not pertinent 4.9 Burning Rate: Not pertinent 4.10 Adiabatic Flame Temperature: Currently not available 	8.1 49 CFR Class: Not pertinent 8.3 49 CFR Package Group: Not listed. 8.4 Marine Pollutant: Yes		
Exposure	CALL FOR MEDICAL AID. SPRAY OR DUST POISONOUS IF INHALED. Irritating to skin and eyes. Move to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. LIQUID OR SOLID POISONOUS IF SWALLOWED. Irritating to skin and eyes. Remove contaminated clothing and shoes. Flush affected areas with plenty of water. IF IN EYES, hold eyelids open and flush with plenty of water. IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk and have victim induce vomiting. IF SWALLOWED and victim is UNCONSCIOUS OR HAVING CONVULSIONS, do nothing except keep victim warm.				4.11 Stoichometric Air to Fuel Ratio: Not pertinent. 4.12 Filame Temperature: Currently not available 4.13 Combustion Molar Ratio (Reactant to Product): Not pertinent. 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 5. CHEMICAL REACTIVITY 5.1 Reactivity with Vater: No reaction 5.2 Reactivity with Vater: No reaction 5.3 Stability During Transport: Stable under anhydrous conditions. Unstable in alkaline conditions. Degraded by	 8.5 NFPA Hazard Classification: Not listed 8.6 EPA Reportable Quantity: 10 pounds 8.7 EPA Pollution Category: A 8.8 RCRA Waste Number: Not listed 8.9 EPA FWPCA List: Yes 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Solid 9.2 Molecular Weight: 381 9.3 Boiling Point at 1 atm: -392°F = -200°C = -473.2°K 9.4 Freezing Point: Pure 80.6°F = 27°C = 300.2°K 9.5 Critical Pressure: Currently not available 9.6 Critical Pressure: Currently not available 		
Water Pollution	HARMFUL TO AQUATIC LIFE IN VERY LOW CONCENTRATIONS. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.			IONS.	Sumight. S.4 Neutralizing Agents for Acids and Caustics: Currently not available S.5 Polymerization: Currently not available S.6 Inhibitor of Polymerization: Currently not available	 9.7 Specific Gravity: 1.97 at 20°C 9.8 Liquid Surface Tension: Currently not available 9.9 Liquid Water Interfacial Tension: Currently not available 9.10 Varon (Gae) Sensitin Construction (Construction) 		
1. CORRECTIVE RESPONSE ACTIONS Stop discharge Collection Systems: Pump; Dredge 2. CHEMICAL DESIGNATIONS 2.1 CG Compatibility Group: Not listed. 2.2 Formula: C4H/Br,CLCu,P 3.1 MO/UN Designation: 6.1/2783 (<25%); 9/2783 (<25%) 2.4 DOT ID No: 2783 2.5 CAS Registry No: 300-76-5 2.6 NAERG Guide No: 152 2.7 Standard Industrial Trade Classification: 51631 3. HEALTH HAZARDS 3.1 Personal Protective Equipment: Rubber gloves, self-contained breathing apparatus, protective clothing. 3.2 Symptoms Following Exposure: INHALATION OR INGESTION: Symptoms secondary to cholinesterase inhibition are: headache, giddiness, nervousness, blurred vision, weakness, nausea, cramps, diarrhea, chest discomfort, sweating, misois, tearing, salivation, and other excessive respiratory tract secretion, vomiting, cyanosis, muscle twitching, and convulsions. EYES: Irritating: SKIN: Irritating-can cause dermatitis. 3.1 Treatment of Exposure: Call a physician. INHALATION: Artificial respiration when needed. EYES: Irrigate with physiological saline or water. SKIN: Remove clothing and bathe thoroughly using lots of water and soan. When skin anoparas clear thater or sweb with ethyl alcohol. INGESTI				ESIGNATIONS iroup: Not listed. :OxP aroup: 12783 (>2.5%); 300-76-5 152 1 Trade Classification: aratus, protective secondary to liston, weakness, vation, and other , and convulsions. when needed. EYES: het horoughly using lots hot. INGESTION:	 WATER POLLUTION 1 Aquatic Toxicity: 24-hour LC∞ (Bluegills) = 0.22 mg/l 48-hour LC∞ (Brook trout) = 0.078 mg/l 96-hour LC∞ (Brook trout) = 1.3 mg/l 24-hour LC∞ (Baingells) = 0.18 mg/l 24-hour LC∞ (Baingells) = 0.18 mg/l 24-hour LC∞ (Baingells) = 1.3 mg/l at 1.6°C, 0.62 mg/l at 7.2°C, and 0.24 mg/l at 12.7°C 2 Waterfowt Toxicity: Coral LD∞ (Mallards) = 52.2 mg/kg Oral LD∞ (Canada geese) = 36.9 mg/kg 3 Biological Oxygen Demand (BOD): Hydrolyzes; Degrades rapidly in soil and water. Food Chain Concentration Potential: None 56 ESAMP Hazard Profile: Bioaccumulation: - Damage to living resources: 4 Human Oral hazard: 2 Human Contact hazard: 11 Reduction of amenities: XXX 	 (calculated) 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: Not pertinent 9.16 Heat of Folymerization: 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 		
immediately minutes. 3.4 TLV-TWA: 3 mg 3.5 TLV-STEL: Not 3.6 TLV-Ceiling: No 3.7 Toxicity by Ing 3.8 Toxicity by Ing 3.8 Toxicity by Ing 3.9 Chronic Toxicit in case of a caused enr damage wa 3.10 Vapor (Gas) Irr normal conc 3.11 Liquid or Solid cause smar 3.12 Odor Threshol 3.13 IDLH Value: 20 3.14 OSHA PEL-STI 3.15 OSHA PEL-STI 3.15 OSHA PEL-STI 3.17 EPA AEGL: No	with 1 to 4 mg /m ² . listed. t listed. setion: Grade dilitional expo hysema, inter y: Cholinester diftional expo hysema, inter soited. Characterist litions. Characterist litions. Characterist Litons. Characterist Litons. Characterist Litons. Characterist Litons. Characterist Litons. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions. Characterist litions.	31. To maintain at 3; LD ₅₀ = 50 to 500 thy not available. ase inhibition persis sure. Exposure of r stitial pneumonia, br eristics: Dangerous ics: Minimum hazaro ning of skin. ot available 1.	ropinization, 2-mg doses at ir I mg/kg. Its for several weeks making ats at 0.3 to 2.5 mg/l 4 hours onchilis, and peribronchilis. I I concentrations of vapor are 1. If spilled on clothing and all	tervals of 15 to 60 person more vulnerable daily for 6 months Liver, spleen, and brain not produced under lowed to remain may	N	JTES		

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		CURRENTLY NOT AVAILABLE		CURRENTLY NOT AVAILABLE

9. SOLUBILIT	24 Y 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		N O T P E R T I N E N T T		C U R R E N T L Y N O T A V A I L A B L E		CURRENTLY NOT AVAILABLE