DIISOBUTYL PHTHALATE

AUTIONARY RESPO	INSE INFORMATION	4. FIRE HAZARDS	7. SHIPPING INFORMATION		
ms Oily liquid c acid, Sinks slowly in wate	Colorless Slight ester ordor er.	 4.1 Flash Point: 385°F C.C. 4.2 Flammable Limits in Air: 0.4% 4.3 Fire Extinguishing Agents: Dry powder, carbon dioxide, foam 4.4 Fire Extinguishing Agents Not to Be Used: Water or foam amy cause frothing. 	 7.1 Grades of Purity: 99.6% 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: B 7.6 Ship Type: 3 		
tment. alth and pollution control agencie intakes.	95.	 4.5 Special Hazards of Combustion Products: Not pertinent 4.6 Behavior in Fire: Not pertinent 	7.7 Barge Hull Type: Currently not available		
Combustible. Extinguish with dry chemical, foar	m, or carbon dioxide, halon.	4.7 Auto Ignition Temperature: 810°F 4.8 Electrical Hazards: Not pertinent 4.9 Burning Rate: Currently not available 4.10 Adiabatic Flame Temperature: Currently	8.1 49 CFR Category: Not listed 8.2 49 CFR Class: Not pertinent 8.3 49 CFR Package Group: Not listed.		
.IQUID No appreciable harm.		not available 4.11 Stoichometric Air to Fuel Ratio: 92.8 (calc.)	8.4 Marine Pollutant: No 8.5 NFPA Hazard Classification:		
Dangerous to aquatic life in high o couling to shoreline. May be dangerous if it enters wat kotify local health and pollution oc kotify operators of nearby water i	concentrations. ter intakes. ontrol officials. intakes.	 4.12 Flame Temperature: Currently not available 4.13 Combustion Molar Ratio (Reactant to Product): 27.0 (calc.) 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 	Health Hazard (Blue)0 Flammability (Red)0 Flammability (Red)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: 278.35 9.3 Boiling Point at 1 atm: 568°F = 298°C =		
SPONSE ACTIONS etems: Pump; Dredge ne	2. CHEMICAL DESIGNATIONS 2.1 CG Compatibility Group: 34; Ester 2.2 Formula: o-CeH4[COOCH4CH(CH3)2]2 3.1 IMO/UN Designation: Not listed 2.4 DOT ID No.: Not listed 3.5 CAS Registry No: 84-69-5 3.6 NAERG Guide No.: Not listed 3.7 Standard Industrial Trade Classification: 51385	5. CHEMICAL REACTIVITY 5.1 Reactivity with Water: No reaction 5.2 Reactivity with Common Materials: No reaction 5.3 Stability During Transport: Stable 5.4 Neutralizing Agents for Acids and Caustics: Not pertinent 5.5 Polymerization: Not pertinent			
ve Equipment: Eye protection. ring Exposure: Vapors from ven wsiness, and convulsions. osure: Remove to fresh air. Wa ed. ted. sted. ion: Grade 0; LDso = 20 g/kg (ra ion: Grade 0; LDso = 20 g/kg (ra ion: Grade 0; LDso = 20 g/kg (ra ion: Currently not available. Currently not available nt Characteristics: Not pertiner haracteristics: Not pertiner haracteristics: Not perceiable h Currently not available sted. Not listed. g: Not listed. sted	ry hot material may irritate eyes and produce ash affected skin areas with water. Flush eyes with at) nt nazard. Practically harmless to the skin.	 6. WATER POLLUTION 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: None 6.5 GESAMP Hazard Profile: Bioaccumulation: 0 Damage to living resources: 3 Human Oral hazard: 0 Human Contact hazard: 0 Reduction of amenities: X 	 9.4 Preezing Point: -8.3* = -0.4*C = 209*K 9.5 Critical Temperature: Currently not available 9.6 Critical Pressure: Currently not available 9.7 Specific Gravity: 1.047 at 20*C (liquid) 9.8 Liquid Surface Tension: Currently not available 9.9 Liquid Water Interfacial Tension: Currently not available 9.10 Vapor (Gas) Specific Gravity: 9.59 9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent 9.12 Latent Heat of Vaporization: Not pertinent 9.13 Heat of Combustion: Currently not available 9.14 Heat of Decomposition: Not pertinent 9.15 Heat of Solution: Not pertinent 9.16 Heat of Fusion: Currently not available 9.18 Limiting Value: Currently not available 9.19 Reid Vapor Pressure: Currently not available 		
A model train 255 Live Decklook Electron viewo electricii Cunh Cisi 1:95	UTIONARY RESPO	UTIONARY RESPONSE INFORMATION acid, acid, acid, area Oly liquid Colorless Slight ester ordor Sinks slowly in water. Sinks slowly in water. Slight ester ordor Sinks slowly in water. Sinks slowly in water. Sinks slowly in water. Sinks slowly in water. Sinks slowly in water. Sinks slowly in water. Sinks slowly in water. Sinks slowly in water. Sinks slowly in water. Other Sinks Science Sinks slowly in water. Sinks slowly in water. Outh appreciable harm. Sinks slowly in water. Sinks slowly in water. Sing to slowly in water. Sinks slowly in water. Sinks slowly in water. Stream of diagnosis of it enters water intakes. Sinks slowly in water. Sinks slowly in water. Sinks to aquatin dip lot oncortrations. Sinks slowly in water. Sinks slowly in water. Sinks to aquatin dip lot oncortrations. Sinks slowly in water. Sinks slowly in water. Sinks to aquatin kink slow slow slow slow slow slow slow slow	 UTONARY RESPONSE INFORMATION a.d. (D) fight (D) fight		

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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
59	65.490		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 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
	C U R R E N T L Y NOT 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 NOT A V A I L A B L E	0 25 50 75 100 125 150 275 200 225 250 275 300 325 350 375 400 425 450 475 550 525 550 575 600	0.245 0.255 0.265 0.275 0.285 0.305 0.315 0.325 0.345 0.355 0.355 0.365 0.375 0.385 0.395 0.405 0.415 0.425 0.435 0.445 0.435 0.445 0.455 0.445 0.455 0.485