P-CHLOROTOLUENE

(CAUTION	ARY RESPO	INSE INFORMATION	ור	4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms Liquid 1-Chloro-4-methylbenzene 4-Chloro-1-methylbenzene		Liquid Sinks slowly in wate	Colorless		 4.1 Flash Point: 120°F O.C. 4.2 Flammable Limits in Air: Currently not available 4.3 Fire Extinguishing Agents: Alcohol foam; CO₂; dry chemical 4.4 Fire Extinguishing Agents Not to Be 	 7.1 Grades of Purity: Currently not available 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 		
Keep people away. Avoid contact with liquid. Avoid inhalation. Wear goggles and self-contained breathing apparatus. Call fire department. Notify local health and pollution control agencies. Protect water intakes.				Used: Currently not available 4.5 Special Hazards of Combustion Products: Currently not available 4.6 Behavior in Fire: Not pertinent 4.7 Auto Ignition Temperature: Currently not available	7.6 Ship Type: 2 7.7 Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Flammable liquid			
Fire					 4.8 Electrical Hazards: Currently not available 4.9 Burning Rate: Currently not available 	8.2 49 CFR Class: 3 8.3 49 CFR Package Group: III 8.4 Marine Pollutant: Yes		
Exposure					 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): 11.0 (calc.) 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 	8.5 NFPA Hazard Classification: Category Classification Health Hazard (Blue) 2 Flammability (Red) 2 Instability (Yellow) 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		
Stop discha	May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes. RECTIVE RESPONSE ACTIONS Stop discharge 2. CHEMICAL DESIGNATIONS Line 2.1 CG Compatibility Group: Currently of the current of the curr		ter intakes. cials. intakes. 2. CHEMICAL DESIGNATIONS 2.1 CG Compatibility Group: Currently not		 CHEMICAL REACTIVITY Reactivity with Water: Currently not available Reactivity with Common Materials: Currently not available Stability During Transport: Currently not available Neutralizing Agents for Acids and Caustics: Currently not available 	 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Liquid 9.2 Molecular Weight: 126.6 9.3 Boiling Point at 1 atm: 324°F = 162°C = 435.2°K 9.4 Freezing Point: 45.5°F = 7.50°C = 280.7°K 		
Contain Collection Systems: Pump; Dredge Chemical and Physical Treatment: Absorb Dilute and disperse dissolved material		atment:	available; Halogenated compound 2.2 Formula: C/H/Cl 2.3 IMO/UN Designation: Not listed 2.4 DOT ID No.: 2238 2.5 CAS Registry No.: 106-43-4 2.6 NAERG Guide No.: 130 2.7 Standard Industrial Trade Classification: 51139		6. WATER POLLUTION 6. 4 Aquatic Toxicity: 1-10 ppm/96 hour/Finfish/TLm	 9.5 Critical Temperature: Currently not available 9.6 Critical Pressure: Currently not available 9.7 Specific Gravity: 1.0697 at 20°C 9.8 Liquid Surface Tension: 32.24 dynes/cm = 0.03224 N/m at 25°C 9.9 Liquid Water Interfacial Tension: Currently not available 9.10 Vapor (Gas) Specific Gravity: 4.36 		
 Personal Protective Equipment: Respirator with proper filter, goggles. Symptoms Following Exposure: INHALATON: Intrinston of respiratory system. EYES AND SKIN: Severe inflation. INGESTION: Severe internal damage if swallowed. Toatime of Exposure: Get medical aid. INHALATON: Move to fresh air. Remove contaminated dothing. Keep warm and quiet. If breathing has stopped give artificial respiration. EYES AND SKIN: Wash with plenty of water. INGESTION: Give one or two glasses of water or milk. Induce working. Give cathatics. T. TV-KTEV: Not listed. Toxicity by Ingestion: Currently not available Toxicity by Ingestion: Currently not available. Toxicity by Inflatton: Currently not available. Ghomic Toxicity: Currently not available. Ghomic Theshold: Currently not available. Ghomic The Isted. Ghomic PLE-TWA: Not listed. Ghomic PLE-Calling: Not listed. Ghomic PLE-Calling: Not listed. Toxicity Distel. Tox listed. Toxicity Distel. Ghomic PLE-Calling: Not listed. Tox PA AEGL: Not listed. 			6.3 Biological Oxygen Demand (BOD): Currently not available 6.4 Food Chain Concentration Potential: Currently not available 6.5 GESAMP Hazard Profile: Bioaccumulation: 2 Damage to living resources: 3 Human Oral hazard: 1 Human Contact hazard: 1 Reduction of amenities: X NOT	 9.11 Ratio of Specific Heats of Vapor (Gas): Currently not available 9.12 Latent Heat of Vaporization: At boiling point 136.8 Btulb = 76 cal/g = 3.18 X a0⁶ J/kg 9.13 Heat of Combustion: Currently not available 9.14 Heat of Decomposition: Currently not available 9.15 Heat of Polymerization: Currently not available 9.17 Heat of Fusion: 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 				

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9. SATURATED L	20 IQUID 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 69 70 71 72 73 74 75	66.780 66.783 66.783 66.785 66.785 66.787 66.787 66.789	32	0.316		CURRENTLY NOT AVAILABLE	50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210	0.102 0.094 0.087 0.082 0.076 0.072 0.064 0.060 0.057 0.054 0.051 0.046 0.046 0.043 0.041 0.039

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
	L N S O L U B L E	110 120 130 140 150 160 170 180 200 210 220 230 240 250 260 270 280 290 300 310 320 330	0.070 0.109 0.164 0.239 0.338 0.469 0.638 0.853 1.122 1.455 1.863 2.954 2.954 3.865 4.507 5.499 6.658 8.005 9.563 11.356 13.409 15.751 18.409	50 55 60 65 70 75 80 95 100 105 110 115 125 130 135 135 140	0.00047 0.00055 0.00064 0.00075 0.00088 0.00142 0.00143 0.00143 0.00197 0.00231 0.00231 0.00270 0.00372 0.00372 0.00437 0.00512 0.00611 0.00705 0.00827		C U R R E N T L Y NOT A V A I L A B L E