1,1-DICHLORO-1-NITROETHANE

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CAUTIONARY RESPONSE INFORMATION				ION		4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms		Liquid Colorless		Unpleasant odor that causes tears	4	 Flash Point: 136°F C.C. Flammable Limits in Air: Currently not available Fire Extinguishing Agents: Dry chemical, carbon dioxide, or alcohol foam. 	 7.1 Grades of Purity: Technical grades. 7.2 Storage Temperature: Ambient. 7.3 Inert Atmosphere: No requirement. 7.4 Venting: Not listed. 7.5 IMO Pollution Category: Currently not available 		
Keep people away. AVOID CONTACT WITH LIQUID AND VAPOR. Wear rubber over clothing (including gloves), goggles, and self-contained breathing apparatus. Shut off ignition sources. Call fire department. Notify local health and pollution control agencies.						Fire Extinguishing Agents Not to Be Used: Water. Special Hazards of Combustion Products: Toxic gases and vapors, such as nitrogen oxides, hydrogen chloride,	7.6 Ship Type: Currently not available 7.7 Barge Hull Type: Currently not available 8. HAZARD CLASSIFICATIONS		
Fire						and carbon monoxide, may be released in a fire. 6 Behavior in Fire: Currently not available 7 Auto Ignition Temperature: Currently not available	 8.1 49 CFR Category: Not listed. 8.2 49 CFR Class: Not pertinent. 8.3 49 CFR Package Group: Not listed. 8.4 Marine Pollutant: No 		
Exposure	CALL FOR MEDICAL AID. Move victim to fresh air. Remove contaminated clothing and shoes. Wash affected areas with plenty of soap and water. IF IN EYES, hold eyelids open and flush with plenty of water. IF SWALLOWED and victim is CONSCIOUS, have victim drink water, then induce vomiting. If breathing has stopped, perform artificial respiration.			4 4 4	Electrical Hazards: Currently not available Burning Rate: Currently not available 10 Adiabatic Flame Temperature: Currently not available 11 Stoichometric Air to Fuel Ratio: 11.9 (calc.) 12 Flame Temperature: Currently not	8.5 NFPA Hazard Classification: Category Classification Health Hazard (Blue) 0 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			
Water Pollution	Effects of low concentrations on aquatic life is unknown. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.					available 13 Combustion Molar Ratio (Reactant to Product): 5.0 (calc.) 14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed	8.9 EPA FWPCA List: Not listed 9. PHYSICAL & CHEMICAL		
Water Effects of low concentrations on aquatic life is unknown. May be dangerous if it enters water intakes. Notify local health and wildlife officials.				Group: 42; S Voz Dr: Not listed. ted. Currently not available : 153 al Trade Classification: dis. In enclosed areas apparatus. eased nasal secretions, ce is reported. Sopious amounts of h soap and water. arge quantities of water s, do nothing except a severe breathing d vessel damage were that personnel will find	5 5 5 5 5 5 6 6 6 6		PROPERTIES 9.1 Physical State at 15° C and 1 atm: Liquid 9.2 Molecular Weight: 144 9.3 Boiling Point at 1 atm: 257°F = 125°C = 398°K 9.4 Freezing Point: Currently not available 9.5 Critical Temperature: Currently not available 9.6 Critical Pressure: Currently not available 9.7 Specific Gravity: 1.42 9.8 Liquid Surface Tension: Currently not available 9.9 Liquid Water Interfacial Tension: Currently not available 9.10 Vapor (Gas) Specific Gravity: 5.0 9.11 Ratio of Specific Gravity: 5.0 9.12 Latent Heat of Vaporization: Currently not available 9.13 Heat of Combustion: Currently not available 9.15 Heat of Solution: Currently not available 9.16 Heat of Polymerization: Not pertinent. 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. LIQUID THERMA	22 L 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 UR 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 UR RENT LY NOT A V A I LA B LE		C U R R E N T L Y N O T A V A I L A B L E

9. SOLUBILIT	24 Y IN WATER	9.25 SATURATED VAPOR PRESSURE		9. SATURATED V	26 APOR 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
68	0.250	68	0.290	68	0.00737		CURRENTLY NOT AVAILABLE