DODECYLTRICHLOROSILANE

	CAUTION	IARY RESPO		TION	ר ר	4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms				Sharp, irritating odor	1	 4.1 Flash Point: > 150°F O.C. 4.2 Flammable Limits in Air: Currently not available 	7.1 Grades of Purity: Commercial 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: No requirement		
Reacts with wate			Irritating gas is produce	on contact with water.		4.3 Fire Extinguishing Agents: Dry chemical, carbon dioxide	7.4 Venting: Pressure-vacuum 7.5 IMO Pollution Category: Currently not available		
Keep people away. Avoid contact with liquid and vapor. Wear googles and self-contained breathing apparatus.					1 1	4.4 Fire Extinguishing Agents Not to Be Used: Water, foam	7.6 Ship Type: Currently not available		
Call fire department. Notify local health and pollution control agencies.						4.5 Special Hazards of Combustion Products: Hydrochloric acid and	7.7 Barge Hull Type: Currently not available		
Protect was		Ŭ			4	4.6 Behavior in Fire: Difficult to extinguish;	8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Corrosive material		
Fire Combustible. POISONOUS GASES MAY BE PRODUCED IN FIRE.				re-ignition may occur. Contact with water applied to adjacent fires produces	8.2 49 CFR Class: 8 8.3 49 CFR Package Group: II				
	Extinguish with dry chemicals or carbon dioxide. DO NOT USE WATER OR FOAM ON FIRE.					irritating hydrogen chloride fumes. 4.7 Auto Ignition Temperature: Currently not	8.4 Marine Pollutant: No 8.5 NFPA Hazard Classification: Not listed 8.6 EPA Reportable Quantity: Not listed. 8.7 EPA Pollution Category: Not listed. 8.8 RCRA Waste Number: Not listed		
Exposure	Exposure Call for medical aid.					available 4.8 Electrical Hazards: Currently not			
	• VAPOR Irritating to eyes, nose and throat.				available 4.9 Burning Rate: Currently not available				
	Move victim If breathing i	to fresh air. is difficult, give oxyge	en.			4.10 Adiabatic Flame Temperature: Currently not available	8.9 EPA FWPCA List: Not listed		
	LIQUID Will burn ski	n and eves.				4.11 Stoichometric Air to Fuel Ratio: 88.1 (calc.)	9. PHYSICAL & CHEMICAL PROPERTIES		
	Harmful if sv Remove cor	vallowed. ntaminated clothing a				4.12 Flame Temperature: Currently not available	9.1 Physical State at 15° C and 1 atm: Liquid 9.2 Molecular Weight: 303.7		
	IF IN EYES,		nd flush with plenty of wat			4.13 Combustion Molar Ratio (Reactant to Product): 27.0 (calc.)	9.3 Boiling Point at 1 atm: >300°F = >149°C = >422°K		
	IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk. DO NOT INDUCE VOMITING.				4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed	9.4 Freezing Point: Not pertinent 9.5 Critical Temperature: Not pertinent			
Water	Effect of low	concentrations on a	quatic life is unknown.		1 F	5. CHEMICAL REACTIVITY	9.6 Critical Pressure: Not pertinent		
Pollution	Notify local I	gerous if it enters wa nealth and wildlife off tors of nearby water	icials.			 Reactivity with Water: Generates hydrogen chloride (hydrochloric acid). 	 9.7 Specific Gravity: 1.03 at 20°C (liquid) 9.8 Liquid Surface Tension: Currently not available 		
L	riony opera	to a of ficarby weller			┛┃	5.2 Reactivity with Common Materials: Reacts with surface moisture to generate	9.9 Liquid Water Interfacial Tension: Not pertinent		
1. CORRECTIVE	PEEDONE			DESIGNATIONS	ηI	hydrogen chloride, which is corrosive to common metals.	9.10 Vapor (Gas) Specific Gravity: Not pertinent		
Dilute and of Stop discha	disperse	ACTIONS	2.1 CG Compatibilit 2.2 Formula: CH ₃ (C	y Group: Not listed.		5.3 Stability During Transport: Stable 5.4 Neutralizing Agents for Acids and	9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent		
Chemical a Neutralize	Ind Physical Tr	eatment:	2.2 POTINIA. CH3(C 2.3 IMO/UN Designa 2.4 DOT ID No.: 177	ation: 8/1771		Caustics: Flush with water, rinse with sodium bicarbonate or lime solution. 5.5 Polymerization: Not pertinent	9.12 Latent Heat of Vaporization: Not pertinent 9.13 Heat of Combustion: (est.) –11,000 Btu/lb		
Do not burr	n		2.5 CAS Registry N 2.6 NAERG Guide N	o.: 4484-72-4 lo.: 156		5.6 Inhibitor of Polymerization: Not pertinent	= -6,200 cal/g = -260 X 10 ⁵ J/kg 9.14 Heat of Decomposition: Not pertinent		
			2.7 Standard Indus 51550	trial Trade Classification:		6. WATER POLLUTION	9.15 Heat of Solution: Currently not available 9.16 Heat of Polymerization: Not pertinent		
2.4. Demonsil Prote		3. HEALTH H		hhas alaunan alaamiaal		6.1 Aquatic Toxicity: Currently not available	9.17 Heat of Fusion: Currently not available 9.18 Limiting Value: Currently not available		
worker's go	oggles; other p	rotective equipment a	e respiratory protection; ru as necessary to protect e es mucous membrane. C	yes and skin.		6.2 Waterfowl Toxicity: Currently not available	9.19 Reid Vapor Pressure: Currently not available		
severe bur	ns of eyes and	skin. Ingestion caus	es nuccus membrane. C es severe burns of mouth rom exposure; support res	and stomach.		6.3 Biological Oxygen Demand (BOD): Currently not available			
needed. E' with water;	YES: flush wit obtain medica	h water for 15 min.; o I attention if skin is b	obtain medical attention in urned. INGESTION: if vi	mediately. SKIN: flush		6.4 Food Chain Concentration Potential: None			
3.4 TLV-TWA: Not	listed.	nen milk or milk of ma	ignesia.			6.5 GESAMP Hazard Profile: Bioaccumulation: 0			
3.5 TLV-STEL: Not 3.6 TLV-Ceiling: Not	ot listed.					Damage to living resources: 1 Human Oral hazard: 1 Human Contact hazard: II			
3.7 Toxicity by Ing 3.8 Toxicity by Inh	alation: Curre	ntly not available.	mg/kg			Reduction of amenities: XX			
3.9 Chronic Toxici 3.10 Vapor (Gas) In	ritant Charact	eristics: Vapors cau	use moderate irritation su	ch that personnel will find		NOTE	ES		
3.11 Liquid or Solid	d Characterist	asant. The effect is ics: Severe skin irrit us to the eyes.		third degree burns on short					
3.12 Odor Thresho 3.13 IDLH Value: No	Id: Currently n								
3.14 OSHA PEL-TW 3.15 OSHA PEL-ST	VA: Not listed.								
3.16 OSHA PEL-Ce 3.17 EPA AEGL: No	iling: Not liste								
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	9.20 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
52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86	64.849 64.709 64.709 64.570 64.570 64.500 64.429 64.230 64.230 64.230 64.230 64.230 64.230 64.230 64.230 64.230 63.450 63.950 63.840 63.740 63.670	52 54 56 58 60 62 64 66 68 70 72 74 74 76 80 82 84 86	0.441 0.442 0.443 0.444 0.447 0.448 0.449 0.450 0.451 0.452 0.453 0.454 0.455 0.455 0.455 0.456 0.457 0.458 0.459 0.460	52 54 56 58 60 62 64 66 68 70 72 74 74 76 80 82 84 86	1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048 1.048		N O T E R T I N E N T

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
	R E A C T S		N O T E R T I N E N T		N O T P E R T I N E N T		N O T P E R T I N E N T