UREA, AMMONIUM NITRATE SOLN (W/AQUA AMMONIA)

CAUTIONARY RESPONSE INFORMATION					4. FIRE HAZARDS	7. SHIPPING INFORMATION		
Common Synonyms Liquid Clear Slight ammonia Liquamon 28 Odor Odor Odor Wran, rustica Miscible in water. Discription Discription			Slight ammonia odor	4.1 Flash Point: Not flammable 4.2 Flammable Limits in Air: Not flammable 4.3 Fire Extinguishing Agents: Water 4.4 Fire Extinguishing Agents Not to Be	 7.1 Grades of Purity: Ammonium Nitrate: 44-45% by wt: Urea: 34-35% by wt; HzO: 20-22% by wt. 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: Currently not available 7.4 Venting: Pressure vacuum 7.5 IMO Pollution Category: C 7.6 Ship Type: 3 7.7 Barge Hull Type: 3 8. HAZARD CLASSIFICATIONS 8.1 49 CFR Category: Not listed 8.2 49 CFR Category: Not listed 8.4 9 CFR Category: Not listed 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 8.9 EPA FWPCA List: Not listed 			
Keep people away. Notify local health and pollution control agencies. Wear rubber overclothing (including gloves)								Special Hazards of Combustion Products: Heating to decomposition yields oxides of nitrogen.
Fire	Not Flammable POISONOUS GASES MAY BE PRODUCED IF HEATED. Extinguish with water.							4.6 Behavior in Fire: Organic and oxidizable materials can sensitize DRY ammonium nitrate to readily explodable state; can detonate if heated under confinement
Exposure Call for medical aid. Irritating to skin and eyes. Harmful if swallowed. Remove contaminated clothing and shoes. IF ON SKIN, flush skin thoroughly and immediately with water. If irritation persists obtain medical aid. IF IN EYES, flush eyes with water for 15 minutes or until irritation subsides. IF SWALLOWED, and victim is CONSCIOUS, have victim drink water or milk.								 with high pressure. 4.7 Auto Ignition Temperature: Not pertinent 4.8 Electrical Hazards: Currently not available 4.9 Burning Rate: Not pertinent. 4.10 Adiabatic Flame Temperature: Not pertinent. 4.11 Stoichometric Air to Fuel Ratio: Not pertinent. 4.12 Flame Temperature: Not pertinent.
Water Pollution	Effect 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.				4.13 Combustion Molar Ratio (Reactant to Product): Not pertinent. 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed	9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Physical State at 15° C and 1 atm: Liquid 9.2 Molecular Weight: Not participant		
1. CORRECTIVE RESPONSE ACTIONS Stop discharge Dilute and disperse			2. CHEMICAL DESIG 2.1 CG Compatibility Group 2.2 Formula: HcONHuHNO3C 2.3 IMO/UN Designation: No 2.4 DOT ID No.: Not listed 2.5 CAS Registry No.: 1597 2.6 NAERG Guide No.: Not li 2.7 Standard Industrial Trac 51219	NATIONS : 6; Ammonia O(NH2): ti listed 8-77-5 isted de Classification:	 5. CHEMICAL REACTIVITY 5.1 Reactivity with Vater: No reaction 5.2 Reactivity with Common Materials: Copper or copper alloys are prohibited materials. 5.3 Stability During Transport: Stable 5.4 Neutralizing Agents for Acids and Caustics: Not pertinent 5.5 Polymerization: Will not occur. 5.6 Inhibitor of Polymerization: Not pertinent 	 9.2 molecular weight: Not pertinent 9.3 Boiling Point at 1 atm: 225°F = 107°C = 380.2°K 9.4 Freezing Point: Currently not available 9.5 Critical Temperature: Currently not available 9.6 Critical Terssure: Currently not available 9.7 Specific Gravity 1.326 at 15.56°C 9.8 Liquid Surface Tension: Currently not available 9.9 Liquid Water Interfacial Tension: Currently not available 9.4 D Verse (con) Sectific Sectific Section 2.100 (construction) 		
 1. Personal Protective Equipment: Rubber gloves, safety glasses, clothes that minimize skin exposure. 1.9 Ersonal Protective Equipment: Rubber gloves, safety glasses, clothes that minimize skin exposure. 1.9 Ersonal Protective Equipment: Rubber gloves, safety glasses, clothes that minimize skin exposure. 1.0 Ersonal Protective Equipment: Rubber gloves, particularly in clidren under 1 year of age. 1.0 Ersonal Protective Equipment: NetSETONC Networks and emplete suscitation. Keep glove delyted effects. Public yeas with water for 15 minutes or until initiation subisites. SINK Wash contaminated surface with soap and water. If initiation develops consult a physiciant. NEVESTONC Networks and emplete suscitation. Keep glove delyted effects (Sive mit and demineters), induce emesis or perform gastine lavage: give fluids: observe for methemoglobinemia, particularly in infants. If methods (Jive methyteme blue as a 1% solution intravenous), it to 2 mg kg. and if severe, consider exchange translusion. 1.1 Uvitik: Not listed. 1.1 Uvitik: Not listed. 1.2 Toxicity by Industion: Currently not available: Sixe 2 mg kg. and if severe, consider exchange translusion. 1.1 Ersonal Coxicity: Currently not available: Sixe 2 mg kg. and if severe, consider exchange translusion. 1.1 Uvitik: Not listed. 1.2 Otoric Toxicity: Currently not available: Sixe 2 mg kg. and if severe, consider exchange translusion. 1.1 Upid or Solid Characteristics: Vision and anotytic part of a severe and the severe constrained severe constrained and the severe constrained se			ize skin exposure. y result from usea, possible der 1 year of age. soltation. Keep s with water for 15 and water. If nduce emesis or in infants. If if severe, consider	 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: Currently not available 6.5 GESAMP Hazard Profile: Bioaccumulation: 0 Damage to living resources: 1 Human Contact hazard: 0 Reduction of amenities: 0 NO	9.11 Ratio of Specific Heats of Vapor (Gas): Not pertinent 9.12 Latent Heat of Vaporization: Not pertinent 9.13 Heat of Decomposition: Not pertinent 9.14 Heat of Delymerization: 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 9.17ES			

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9 SATURATED I	.20 JQUID 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 REENTLY NOT AVAILABLE		C UR REEN TLY NOT AVAILABLE		C UR RENTLY NOT AVAILABLE		C UR 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
	М – S C – B L E		CURRENTLY NOT AVAILABLE		CURRENTLY NOT AVA-LABLE		CURRENTLY NOT AVA-LABLE