AMMONIUM NITRATE-PHOSPHATE MIXTURE

CAUTIONARY RESPONSE INFORMATION						
Common Synonyms		Solid	Grayish-white	Odorless		
		Sinks and mixes with water.				
Stop discharge if possible. Keep people away. Call fire department. Avoid contact with solid and dust. Isolate and remove discharged material.						
Fire	Not flammable. Will increase the intensity of a fire. POISONOUS GASES MAY BE PRODUCED IN FIRE. Irritating gases may be produced when heated. Containers may explode in fire. Wear goggles and self-contained breathing apparatus. Flood discharge area with water.					
Exposure	If in eyes, he if breathing I foreathing I foreathing i SOLID Irritating to s Harmful if sw Remove cor Flush affects IF IN EYES, IF SWALLO or milk.	eyes, nose a Il cause coug old eyelids o has stopped, is difficult, gin skin and eyes vallowed. ntaminated cled areas with hold eyelids WED and vin	nd throat. thing or difficult breathing, ben and flush with plenty of wate give artificial respiration. ve oxygen. s. tothing and shoes. topen and flush with plenty of water, open and flush with plenty of water. topen and flush with plenty of water is CONSCIOUS, have victir stim is CONSCIOUS OR HAV	ater. n drink water		
Water Pollution	May be dang Notify local I	gerous if it en nealth and w	ons on aquatic life is unknown. nters water intakes. ildlife officials. oy water intakes.			

Water Pollution	Effect of low concentrations on adjustic life is unknown. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Notify operators of nearby water intakes.					
1. CORRECTIVE	RESPONSE ACTIONS	2. CHEMICAL DESIGNATIONS				
Stop discha		2. Gricumtable Statistics 2.1 GG Compatibility Group: Not listed 2.2 Formula: NH-kNO:-(NH-k)::HPO NH-kH::PO CaHPOKCH-K::SO: 2.3 IMO/UN Designation: 9/2071 2.4 DOT ID No:: 2071 2.5 CAS Registry No:: Currently not available 2.6 NAERG Guide No.: 140 2.7 Standard Industrial Trade Classification: 51481				
	3. HEALTH H	AZARDS				
	ective Equipment: Self-contained bes a dust mask is adequate.	reathing apparatus must be used when fighting fires.				
3.2 Symptoms Foll causes irrit		s irritation of nose and throat. Contact with eyes				
	•	esh air. EYES: flush with water for 15 min.				
3.4 TLV-TWA: Not 3.5 TLV-STEL: Not						
3.6 TLV-Ceiling: No						
3.7 Toxicity by Ing 3.8 Toxicity by Inh	estion: Currently not available alation: Currently not available.					
	ty: Currently not available ritant Characteristics: Currently no	t available				
	I Characteristics: Currently not ava					
3.12 Odor Thresho						
3.13 IDLH Value: No 3.14 OSHA PEL-TW						
3.14 OSHA PEL-TW						

3.16 OSHA PEL-Ceiling: Not listed.
3.17 EPA AEGL: Not listed

4. FIRE HAZARDS 7. SHIPPING INFORMATION 4.1 Flash Point: Not flammable 7.1 Grades of Purity: Several grades of varying composition, all of which contain less than 70% 4.2 Flammable Limits in Air: Not pertinent of ammonium nitrate, the only hazardous 4.3 Fire Extinguishing Agents: Water 4.4 Fire Extinguishing Agents Not to Be Used: Steam, inert gases, foam, dry chemical 7.2 Storage Temperature: Ambient 7.3 Inert Atmosphere: Ventilated (natural) 7.4 Venting: Open 4.5 Special Hazards of Combustion 7.5 IMO Pollution Category: Currently not available **Products:** Toxic and irritating oxides of nitrogen may form in fires. 7.6 Ship Type: Currently not available 7.7 Barge Hull Type: Currently not available 4.6 Behavior in Fire: Will increase intensity of fire when in contact with combustible material. Containers may explode. 8. HAZARD CLASSIFICATIONS 4.7 Auto Ignition Temperature: Not pertinent 8.1 49 CFR Category: Class 9 4.8 Electrical Hazards: Not pertinent 8.2 49 CFR Class: 9 4.9 Burning Rate: Not pertinent 8.3 49 CFR Package Group: III 4.10 Adiabatic Flame Temperature: Not 8.4 Marine Pollutant: No pertinent 4.11 Stoichometric Air to Fuel Ratio: Not 8.5 NFPA Hazard Classification: Not listed 8.6 EPA Reportable Quantity: Not listed pertinent 4.12 Flame Temperature: Not pertinent 8.7 EPA Pollution Category: Not listed 4.13 Combustion Molar Ratio (Reactant to 8.8 RCRA Waste Number: Not listed Product): Currently not available 8.9 EPA FWPCA List: Not listed 4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed 9. PHYSICAL & CHEMICAL PROPERTIES 5. CHEMICAL REACTIVITY 9.1 Physical State at 15° C and 1 atm: Solid 9.2 Molecular Weight: Not pertinent 5.1 Reactivity with Water: No reaction 9.3 Boiling Point at 1 atm: Not pertinent 5.2 Reactivity with Common Materials: Corrodes metals to same degree as 9.4 Freezing Point: Not pertinent ordinary fertilizer; the reaction is not 9.5 Critical Temperature: Not pertinent hazardous. 9.6 Critical Pressure: Not pertinent 5.3 Stability During Transport: Stable 9.7 Specific Gravity: 1.8 at 20°C (solid) 5.4 Neutralizing Agents for Acids and Caustics: Not pertinent 9.8 Liquid Surface Tension: Not pertinent 5.5 Polymerization: Not pertinent 9.9 Liquid Water Interfacial Tension: Not 5.6 Inhibitor of Polymerization: Not pertinent 9.10 Vapor (Gas) Specific Gravity: Not pertinent 6. WATER POLLUTION 9.11 Ratio of Specific Heats of Vapor (Gas): 6.1 Aquatic Toxicity: Currently not available 9.12 Latent Heat of Vaporization: Not pertinent 9.13 Heat of Combustion: Not pertinent

NOTES

9.14 Heat of Decomposition: Currently not available

9.15 Heat of Solution: Currently not available

9.16 Heat of Polymerization: Not pertinent9.17 Heat of Fusion: Currently not available

9.18 Limiting Value: Currently not available9.19 Reid Vapor Pressure: Currently not

available

6.2 Waterfowl Toxicity: Currently not available

6.3 Biological Oxygen Demand (BOD):

6.4 Food Chain Concentration Potential:
None

6.5 GESAMP Hazard Profile: Not listed

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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
	N O T		N O T		N O T		N O T
	T PERTINENT		T PERTINENT		T PERTINENT		T PERTINENT

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
	V E R Y		N O T		N O T		N O T
	S O L U B L E		P E R T I N E N T		P E R T I N E N T		P E R T I N E N T