

# AMMONIUM ACETATE

AAT

CAUTIONARY RESPONSE INFORMATION			
Common Synonyms	Solid	White	Weak ammonia odor
Sinks and mixes with water.			
Stop discharge if possible. Keep people away. Avoid contact with solid and dust; avoid inhalation. Isolate and remove discharged material. Notify local health and pollution control agencies. Protect water intakes.			
Fire	Not flammable. Irritating gases may be produced when heated. Wear goggles and self-contained breathing apparatus.		
Exposure	CALL FOR MEDICAL AID. DUST Irritating to eyes, nose and throat. If inhaled will cause difficult breathing. If in eyes, hold eyelids open and flush with plenty of water. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. SOLID Irritating to skin and eyes. If swallowed will cause nausea. Remove contaminated clothing and shoes. Flush affected areas with plenty of water. IF IN EYES, hold eyelids open and flush with plenty of water. IF SWALLOWED and victim is CONSCIOUS, have victim drink water or milk. IF SWALLOWED and victim is UNCONSCIOUS OR HAVING CONVULSIONS, do nothing except keep victim warm.		
Water Pollution	Dangerous to aquatic life in high concentrations. 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
Dilute and disperse Stop discharge	2.1 CG Compatibility Group: Not listed 2.2 Formula: NH <sub>2</sub> CH <sub>2</sub> CO <sub>2</sub> 2.3 IMO/UN Designation: Not listed 2.4 DOT ID No.: Not listed 2.5 CAS Registry No.: 631-61-8 2.6 NAERG Guide No.: 171 2.7 Standard Industrial Trade Classification: 51481
3. HEALTH HAZARDS	
3.1 Personal Protective Equipment: Dust mask; goggles or face shield (do not wear contact lenses); rubber gloves; impervious protective clothing.	
3.2 Symptoms Following Exposure: Inhalation of dust irritates nose and mouth. Ingestion irritates mouth and stomach. Contact with dust causes irritation of eyes and mild irritation of skin.	
3.3 Treatment of Exposure: INHALATION: remove victim to fresh air; rinse nose and mouth with water. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. INGESTION: induce vomiting immediately. Give large amounts of water. EYES: flush with water for at least 15 min. SKIN: flush with soap and water.	
3.4 TLV-TWA: Not listed. 3.5 TLV-STEL: Not listed. 3.6 TLV-Ceiling: Not listed. 3.7 Toxicity by Ingestion: Currently not available 3.8 Toxicity by Inhalation: Currently not available. 3.9 Chronic Toxicity: Currently not available 3.10 Vapor (Gas) Irritancy Characteristics: Currently not available 3.11 Liquid or Solid Characteristics: Currently not available 3.12 Odor Threshold: Currently not available 3.13 IDLH Value: Not listed. 3.14 OSHA PEL-TWA: Not listed. 3.15 OSHA PEL-STEL: Not listed. 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: Reagent; CP; Technical, 97 + %
4.2 Flammable Limits in Air: Not flammable	7.2 Storage Temperature: Ambient
4.3 Fire Extinguishing Agents: Use agents suitable for the surrounding fire.	7.3 Inert Atmosphere: No requirement
4.4 Fire Extinguishing Agents Not to Be Used: Not pertinent	7.4 Venting: Open
4.5 Special Hazards of Combustion Products: Irritating vapors of ammonia, acetic acid, and nitrogen oxides may form in fires.	7.5 IMO Pollution Category: Currently not available
4.6 Behavior in Fire: Currently not available	7.6 Ship Type: Currently not available
4.7 Auto Ignition Temperature: Not pertinent	7.7 Barge Hull Type: Currently not available
4.8 Electrical Hazards: Not pertinent	
4.9 Burning Rate: Not pertinent	
4.10 Adiabatic Flame Temperature: Not pertinent	
4.11 Stoichiometric Air to Fuel Ratio: Not pertinent	
4.12 Flame Temperature: Not pertinent	
4.13 Combustion Molar Ratio (Reactant to Product): Currently not available	
4.14 Minimum Oxygen Concentration for Combustion (MOCC): Not listed	
5. CHEMICAL REACTIVITY	8. HAZARD CLASSIFICATIONS
5.1 Reactivity with Water: No requirement	8.1 49 CFR Category: Not listed
5.2 Reactivity with Common Materials: Currently not available	8.2 49 CFR Class: Not pertinent
5.3 Stability During Transport: Stable	8.3 49 CFR Package Group: Not listed
5.4 Neutralizing Agents for Acids and Caustics: Not pertinent	8.4 Marine Pollutant: No
5.5 Polymerization: Will not polymerize.	8.5 NFPA Hazard Classification: Not listed
5.6 Inhibitor of Polymerization: Not pertinent	8.6 EPA Reportable Quantity: 5000
6. WATER POLLUTION	8.7 EPA Pollution Category: D
6.1 Aquatic Toxicity: 238 ppm/24 hr/mosquito fish/TL <sub>50</sub> /fresh water	8.8 RCRA Waste Number: Not listed
6.2 Waterfowl Toxicity: No reaction	8.9 EPA FWPCA List: Yes
6.3 Biological Oxygen Demand (BOD): 79%, 1-5 days	
6.4 Food Chain Concentration Potential: None	
6.5 GESAMP Hazard Profile: Not listed	

## NOTES

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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
	NOT PERTINENT		NOT PERTINENT		NOT PERTINENT		NOT 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
39	148.000		NOT PERTINENT		NOT PERTINENT		NOT PERTINENT