MATERIAL SAFETY DATA SHEET

SECTION I NAME
Product: Ammonium Acetate
Chemical Synonym: Acetic Acid, Ammonium salt
Formula: CH₃COONH₄
Unit Size: up to 2.5 Kg.
C.A.S. No.: 631-61-8

SECTION II INGREDIENTS OF MIXTURES
Principal Component(s) % TLV Units
Ammonium acetate min. 97% None established.

SECTION III PHYSICAL DATA
Melting Point (°F) 114°C (237°F) Specific Gravity (H₂O = 1) 1.07 @ 77°F
Boiling Point (°F) Decomposes. Percent Volatile by Volume (%)
Vapor Pressure (mm Hg) Not applicable. Evaporation Rate
Vapor Density (Air=1) Not applicable.
Solubility in Water 148 g/100 mL. water @ 39.2°F.
Appearance & Odor White, deliquescent crystals or crystalline mass; slight acetic odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA
Flash Point (Method Used) Non-flammable. Flammable Limits in Air
% by Volume N/A Lower Upper
Extinguisher Media Small fires: Carbon dioxide; dry chemical; water spray or foam. Large fires: Water spray; fog or foam.

SECTION V HEALTH HAZARD DATA
Threshold Limited Value None established. (ACGIH 2001). RTECS No. AF3675000
Effects of Overexposure

INGALON: May cause irritation of the respiratory tract. Throat, nose and lungs. SKIN AND EYES: Possible irritant with prolonged contact. May cause burns. INGESTION: Data not available. May be harmful if swallowed. Target organs: None known.

Emergency and First Aid Procedures
INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. EYES: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. SKIN: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA
Stability Unstable Conditions to Avoid Excessive temperature and heat. Contact with peroxides.
Incomparibility (Materials to Avoid) Strong oxidizers, bases, alkalis. Decomposes with sodium hypochlorite.

Hazardous Decomposition Products
Thermal decomposition or burning may produce Acetic acid, ammonia, carbon monoxide and/or carbon dioxide.

Hazardous Polymerization
May Occur: Will Not Occur: Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled
Avoid creating dust. Sweep up and place in a appropriate container for proper disposal. Wash spill area thoroughly with water.

Waste Disposal Method
Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in accordance with local, state and federal regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION
Respiration Protection (Specify Type) None should be needed in normal laboratory handling. If necessary work in fume hood or wear a NIOSH/MSHA-approved dust mask.
Ventilation Local Exhaust Recommended: Special No. Mechanical (General) Recommended: Other No.
Protective Gloves Rubber. Eye Protection Chemical safety glasses.
Other Protective Equipment Goggles, smock, apron, eye wash station, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS
Precautions to be taken in Handling & Storing
Store in a cool, dry place. Deliquescent. Protect from moisture. Wash thoroughly after handling.
Other Precautions
Use with adequate ventilation. Avoid contact with eyes or prolonged contact with skin. Remove and wash contaminated clothing.

D.O.T. NON-REGULATED.
Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.