



**SAFETY DATA SHEET**  
Name of Product:  
**AMMONIUM ACETATE**

Product #: See Section 1  
Revision Date: June 4, 2015

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**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

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PRODUCT NAME: Ammonium Acetate  
SYNONYMS: Acetic acid ammonium salt  
PRODUCT CODES: I000042, I000052, I000130

MANUFACTURER: NACHURS ALPINE SOLUTIONS  
DIVISION: Marion  
ADDRESS: 421 Leader Street  
Marion, OH43302, United States

PHONE: 800-622-4877 (USA)  
800-265-2268 (CANADA)

EMERGENCY PHONE: United States: Chemtrec: 800-424-9300  
Canada: CANUTEC: 1-613-996-6666  
I TECH 877-324-4402

CHEMICAL NAME: Ammonium Acetate, Liquid  
CHEMICAL FAMILY:  
CHEMICAL FORMULA: C<sub>2</sub>H<sub>7</sub>NO<sub>2</sub>

PRODUCT USE: Buffer, Catalyst, Deicing Fluid, Precipitation Agent

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**SECTION 2: HAZARDS IDENTIFICATION**

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GHS ELEMENTS:  
Hazard Classification: Not a hazardous mixture or substance.  
Pictogram: None.  
Signal Word: None.  
Hazard Statements: Not a hazardous mixture or substance.  
Precautionary Statements: None.

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation.  
SKIN: May cause irritation.  
INGESTION: May cause irritation.  
INHALATION: May cause irritation.

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

CARCINOGENICITY:

OSHA: N/A  
ACGIH: N/A  
NTP: N/A  
IARC: N/A  
OTHER: N/A

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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INGREDIENT: Ammonium Acetate 10-65% CAS# 631-61-8

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Water 35-90% CAS# 7732-18-5

SARA 313 REPORTABLE: N/A

OSHA PEL-TWA: N/A

OSHA PEL STEL: N/A

OSHA PEL CEILING: N/A

ACGIH TLV-TWA: N/A

ACGIH TLV STEL: N/A

ACGIH TLV CEILING: N/A

## SECTION 4: FIRST AID MEASURES

EYES: Flush with water immediately and thoroughly for 15 minutes. Seek medical attention.  
SKIN: Thoroughly wash with soap and water. If irritation persists, seek medical attention.  
INGESTION: If victim is conscious and alert, give water to drink. Seek medical attention.  
INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A

## SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR: UPPER: N/A  
(% BY VOLUME) LOWER: N/A

FLASH POINT:  
F°: N/A  
C°: N/A

METHOD USED: N/A

AUTOIGNITION TEMPERATURE:  
F°: N/A  
C°: N/A

NFPA HAZARD CLASSIFICATION:  
HEALTH: 1  
FLAMMABILITY: 0  
REACTIVITY: 0  
OTHER: 0

HMIS HAZARD CLASSIFICATION  
HEALTH: 1  
FLAMMABILITY: 0  
REACTIVITY: 0  
PROTECTION: B

EXTINGUISHING MEDIA: Water or media suitable for surrounding material.

SPECIAL FIRE FIGHTING PROCEDURES: Positive pressure self contained breathing apparatus should be used when there is a potential for inhalation of vapors and/or fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Ammonia, carbon monoxide and/or carbon dioxide may be released.

HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia, carbon monoxide and/or carbon dioxide.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: Confine the spill to a diked area or sump, if possible, and recover as much of the product as possible. Place in suitable containers.

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Store in suitable containers made of mild steel, stainless steel, plastic or fiberglass.

OTHER PRECAUTIONS: N/A

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: N/A

VENTILATION: Local exhaust adequate. Use mechanical ventilation if misted.

RESPIRATORY PROTECTION: Respiratory protection not normally required unless excessive heat or reaction occurs resulting in release of ammonia, carbon dioxide or carbon monoxide. In enclosed spaces, these gasses can displace oxygen causing possible suffocation, thus use self contained breathing apparatus. Do not use air purifying respirators.

EYE PROTECTION: Safety goggles and full face shield.

SKIN PROTECTION: Rubber gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Always use good safety and industrial hygienic practices.

EXPOSURE GUIDELINES: See section 3.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Clear, nearly colorless to pale yellow liquid.

ODOR: Slight sweet acetate odor.

ODOR THRESHOLD: No data available.

PHYSICAL STATE: Liquid.

pH AS SUPPLIED: 6.0-9.0

MELTING POINT: Unknown

FREEZING POINT:  
F°: N/A  
C°: N/A

BOILING POINT:  
F°: N/A  
C°: N/A

FLASH POINT: N/A

METHOD USED: N/A

EVAPORATION RATE: N/A

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FLAMMABLE LIMITS IN AIR:	Not flammable.
VAPOR PRESSURE (mmHg)	N/A
VAPOR DENSITY (AIR = 1)	N/A
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.05-1.10
DENSITY, LBS/GAL:	8.75-9.17
SOLUBILITY IN WATER:	Complete
PARTITION COEFFICIENT:	n-octanol/water – N/A
PERCENT SOLIDS BY WEIGHT:	10-65
PERCENT VOLATILE:	N/A
VOLATILE ORGANIC COMPOUNDS (VOC):	N/A
MOLECULAR WEIGHT:	77.08
AUTOIGNITION TEMPERATURE:	N/A
THERMAL DECOMPOSITION:	N/A
VISCOSITY:	N/A

## SECTION 10: STABILITY AND REACTIVITY

	STABLE	UNSTABLE
STABILITY:	x	
CONDITIONS TO AVOID (STABILITY):	High temperatures.	
INCOMPATIBILITY (MATERIAL TO AVOID):	Strong oxidizers.	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Ammonia, carbon dioxide and/or carbon monoxide.	
HAZARDOUS POLYMERIZATION:	Will not occur.	
CONDITIONS TO AVOID (POLYMERIZATION):	N/A	

## SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/A

## SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Do not allow into drinking water.

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Reclaim and reuse as much as possible. Dispose in accordance with all federal, state, and local regulations.

RCRA HAZARD CLASS: N/A

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION:

PROPER SHIPPING NAME: Ammonium Acetate Solution  
HAZARD CLASS: N/A  
ID NUMBER: N/A  
PACKING GROUP: N/A  
LABEL STATEMENT: N/A  
Health: 1                      Flammability: 0                      Reactivity: 0                      Specific: None

### WATER TRANSPORTATION:

PROPER SHIPPING NAME: Ammonium Acetate Solution  
HAZARD CLASS: N/A  
ID NUMBER: N/A  
PACKING GROUP: N/A  
LABEL STATEMENTS: N/A  
Health: 1                      Flammability: 0                      Reactivity: 0                      Specific: None

### AIR TRANSPORTATION

PROPER SHIPPING NAME: Ammonium Acetate Solution  
HAZARD CLASS: N/A  
ID NUMBER: N/A  
PACKING GROUP: N/A  
LABEL STATEMENTS: N/A  
Health: 1                      Flammability: 0                      Reactivity: 0                      Specific: None

### OTHER AGENCIES:

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Yes  
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): No  
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A  
311/312 HAZARD CATEGORIES: N/A  
313 REPORTABLE INGREDIENTS: N/A  
STATE REGULATIONS: N/A  
INTERNATIONAL REGULATIONS: N/A

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## SECTION 16: OTHER INFORMATION

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### OTHER INFORMATION:

#### **PREPARATION INFORMATION:**                      *Technical Services*

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