



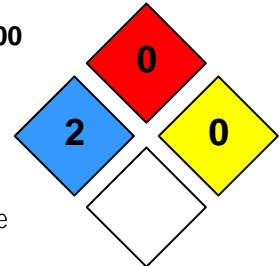
Colonial Chemical Solutions, Inc.

# Material Safety Data Sheet – Ammonium Chloride Untreated

## SECTION I - PRODUCT IDENTIFICATION

**Manufacturers Address:**  
916 West Lathrop Avenue  
Savannah, Georgia 31415

**CHEMTREC – 24HR Emergency Telephone 1-800-424-9300**  
**Information Phone:** (912) 443-6702  
**Date Prepared:** 26 Sept 08  
**Preparer:** F.Spaeth



NFPA Rating

0- Minimal 1- Slight 2- Moderate  
3- Serious 4- Extreme

Synonym: Ammonium muriate  
Chemical Family: Salts

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT	TLV	TEL
Ammonium Chloride	12125-02-9	100	10 mg/m <sup>3</sup>	20 mg/m <sup>3</sup>

## SECTION III - HAZARDOUS IDENTIFICATION

**Potential Acute Health Effects:** Causes irritation to the eyes, throat and skin.  
**Potential Chronic Health Effects:** No information found.

## SECTION IV - PHYSICAL and CHEMICAL PROPERTIES

**Boiling Point Range:** 968°F  
**pH:** 5.5 (1% Sol'n)  
**Solubility In Water:** Moderately  
**Appearance/Odor:** White powder with no odor.  
**Melting Point/Freezing Point:** 640°F.

**Vapor Density (Air=1):** 1.9  
**Vapor Pressure (mmHg):** 1.0  
**VOC %:** Not established.  
**Specific Gravity (H<sub>2</sub>O=1):** 1.53

## SECTION V - FIRE FIGHTING MEASURES

**Flash Point:** None  
**Auto Ignition:** None  
**Extinguishing Media:** Use measures suitable for extinguishing surrounding fire. Water may be used to cool containers.  
**Flammable Limits:** Lower: N/A Upper: N/A  
**Fire Fighting Procedures:** Wear self-contained breathing apparatus (SCBA) in positive pressure demand and structural firefighter's protective clothing.  
**Unusual Fire and Explosion Hazards:** Not Considered a fire or an explosion hazard.

## SECTION VI - STABILITY AND REACTIVITY

**Stability:** Stable under ordinary use and storage conditions.  
**Conditions to Avoid:** Heat, moisture, incompatibles.  
**Incompatibility:** Avoid contact with strong oxidizing and reducing agents.  
**Hazardous Decomposition Products:** Hydrogen chloride and ammonia.  
**Hazardous Polymerization:** Will not occur.



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## SECTION VII - STORAGE AND HANDLING

**Precautions To Be Taken In Handling and Storage:** Always store in tightly sealed, properly labeled, original container. Prevent physical damage to containers. Store in a cool, dry well ventilated area away from heat, moisture and incompatibles.

## SECTION VIII - HEALTH AND FIRST AID

**Skin:** Mildly irritating. Repeated or prolonged contact can cause redness, itching and pain.

**Eyes:** Moderately irritating. Irritation accompanied by redness and pain.

**Inhalation:** Causes irritation to respiratory system.

**Ingestion:** May cause gastric distress, diarrhea and vomiting.

### FIRST AID PROCEDURES:

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes. Get medical attention.

**Skin:** Wash skin with soap and water. If irritation persists seek medical attention.

**Inhalation:** For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.

**Ingestion:** INDUCE vomiting immediately as directed by medical personnel! Get medical attention immediately.

## SECTION IX - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye Protection:** Eye Protection where splashing of solutions or dusting are possible. Goggles, safety glasses with side shields or full-face shield are recommended.

**Respiratory Protection:** Where adequate ventilation is not available an approved respirator (NIOSH N95) must be worn.

**Skin Protection:** Wear impervious protective clothing, including boots, gloves, apron or coveralls as appropriate.

**Ventilation:** General or local ventilation to prevent dust accumulation and keep exposure below TLV control limits.

**Protective Clothing:** Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other protective items.

**Other Equipment:** Eye wash station and quick-drench shower in close proximity to use are advised

## SECTION X - ACCIDENTAL RELEASE MEASURES

Ventilate area of spill. Wear appropriate PPE as specified in Section IX. Sweep up and containerize for reclamation or disposal. Avoid dust dispersal during clean up operation.

## SECTION XI - DISPOSAL CONSIDERATIONS

Whatever cannot be salvaged should be managed in an appropriate and approved waste disposal facility. Processing use or contamination of this product may alter its waste classification. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. State and local disposal regulations may differ from federal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.



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**SECTION XII · TRANSPORTATION**

**Proper Shipping Name:** Not Regulated by The U.S. DOT  
**Hazard Class:**  
**UN Number:**  
**Packaging Group:**  
**Labels:**

**SECTION XIII · TOXICOLOGY**

**Carcinogenicity:** Not listed by NTP or IARC.  
**Mutagenicity:** No information found.  
**Reproductive:** No information found.  
**Sensitization:** Not considered a sensitizer

**SECTION XIV · REGULATORY**

**RMP/PSM:** Not Listed.  
**CERCLA-RQ:** 5000 Lbs  
**EPCRA 311/312:** Yes, see Section III  
**EPCRA 313:** No  
**FIFRA:** No documented information available.  
**RCRA-CODE:** No Hazardous Waste Identification.  
**TSCA:** Listed

**SECTION XV · OTHER INFORMATION**

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.