

MATERIAL SAFETY DATA SHEET

CORNBELT PREMIUM AMS

Van Diest Supply Company
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FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT
1-800-424-9300

PRODUCT IDENTIFICATION

Common Name: Cornbelt Premium AMS

Chemical Family: Inorganic salt

EPA Reg. No.: None

INGREDIENTS

Ammonium Sulfate

100%

TLV (ACGIH)

5 mg/m³

FIRE PROTECTION INFORMATION

Flash Point (and Method): Not determined

Auto Ignition Temperature: Not determined

Flammable Limits in Air % By Volume: Not determined

Extinguishing Media: Water fog, foam, CO₂, or dry chemical

Special Fire Fighting Equipment and Hazards: Use of self contained breathing apparatus and turn out gear.

Unusual Fire and Explosion Hazards: Hydrogen cyanide and ammonia may be released if product is exposed to fire.

HEALTH HAZARDS DATA

Acute Overexposure Effects: Ammonium sulfate is moderately irritating to the eyes and mildly irritating to the skin. Systemic ammonia poisoning has been thought to occur after parenteral administration of large doses of some ammonium salts. However, this is not a relevant route of exposure.

Chronic Overexposure Effects: There are no other known effects associated with this material.

Routes of Entry: For solids and liquids, eye contact, skin contact, ingestion, and inhalation. For gases, inhalation and eye contact. For liquefied gases, skin contact may be a route of entry.

FIRST AID

Inhalation: Move to fresh air. Aid in breathing, if necessary; seek medical assistance.

Skin Contact: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, consult a physician.

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Consult a physician.

Ingestion: Dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

Notes to Physician: None

Aggravated Medical Conditions: No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product.

PHYSICAL DATA

Bulk Density: 65 lbs/ft³

pH: 5.0-5.2

Vapor Density (Air=1): N/A

Solubility in Water: 77%

Decomposition Temperature: 235 °C

% Volatile by Volume: N/A

Appearance and Odor: Crystalline solid with no odor

Molecular Weight: 132.1

PRECAUTIONARY MEASURES

Storage: Do not store where product can contaminate waterways or food supplies. Keep out of the reach of children.

Ventilation: Local exhaust to control dust to acceptable exposure limit of 5 mg/m³

Protective Clothing: Gloves, coveralls, apron and/or boots, as necessary to prevent contact with skin.

Eye Protection: Chemical goggles or side shield safety glasses

Respiratory Protection: NIOSH/MSHA approved respirator, if necessary.

REACTIVITY DATA

Stability: Stable

Incompatibility: Strong oxidizers, bases, chlorates, and nitrates.

Hazardous Decomposition Products: Ammonia and sulfur trioxide at temperatures of 282°C or higher.

Corrosive Properties: Not corrosive

Oxidizer Properties: Not an oxidizer

Hazardous Polymerization: Does Not Occur

SPILL, LEAK & DISPOSAL INFORMATION

Spill Procedures: Contain spill. Place in containers for disposal.

Disposal Method: Not listed as a hazardous waste. Dispose of in accordance with federal, state and local regulations

HMIS RATINGS

(4=Extreme; 3=High; 2=Moderate; 1=Slight; 0=Insignificant)

Health - 1

Fire - 0

Reactivity - 0

DOT INFORMATION

Proper Shipping Name: Adjuvant, Spreader or Sticker

Hazard Class: Not regulated

REGULATORY INFORMATION

311/312 Physical & Health Hazard Categories: Immediate (Acute)

313 Reportable Ingredients: Sulfuric Acid Diammonium Solution (CAS 7783-20-2) <34%

Reportable Quantity: Not applicable

TSCA: Listed on inventory

ADDITIONAL INFORMATION

Prepared By: Van Diest Supply Co.

Date Prepared: 1-22-92

Date Revised: 9-2007

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