

## Safety Data Sheet

# AMS Plus Dry

SDS Number: 10057  
SDS Prepared: 03/21/2001  
SDS Version: 4.1  
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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** AMS Plus Dry  
**CHEMICAL NAME:** Diammonium Sulfate  
**SYNONYMS:** Dry Ammonium Sulfate/Drift Retardant Blend  
**COMMON NAME:** Ammonium Sulfate  
**EPA REGISTRATION NUMBER:** Not Regulated

**Manufactured by:**  
Coastal AgroBusiness Inc.  
PO Box 856  
Greenville, NC 27835  
Phone: 1-800-635-1388

**Emergency Telephone Numbers**  
Chemtrec (24 hours)  
1-800-424-9300  
Coastal AgroBusiness, Inc. (Weekdays – Eastern Standard Time)  
1-800-635-1388

### 2. HAZARDS IDENTIFICATION SUMMARY

**KEEP OUT OF REACH OF CHILDREN – CAUTION-** Avoid contact with eyes, skin, and clothing. May be harmful if swallowed or inhaled. Do not take internally. Keep out of reach of children.

This product is an off white granular crystal with a slight odor. Primary routes of entry are inhalation, eye contact and skin contact.

**GHS Label elements, including precautionary statements/**

#### EMERGENCY OVERVIEW

##### Hazard Statements

H303 – May be harmful if swallowed

**GHS Label elements, including precautionary statements/**

##### Precautionary Statements - Prevention

- P102 - Keep out of reach of children
- P202 - Do not handle until all safety precautions have been read and understood
- P281 - Use personal protective equipment as required
- P264 - Wash face, hands and any exposed skin thoroughly after handling
- P270 - Do not eat, drink or smoke when using this product
- P271 - Use only outdoors or in a well-ventilated area
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray

##### Precautionary Statements - Response

- P308 + P311 - If exposed or concerned: Call a POISON CENTER or doctor
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P312 - Call a POISON CENTER or doctor if you feel unwell
- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P330 - Rinse mouth

**Precautionary Statements - Disposal**

P501 - Dispose of contents/ container to an approved waste disposal sites

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>PEL/TLV</u>
Ammonium Sulfate, Poly-Acrylamide and Dimethylpolysiloxane Constituents Ineffective as a Spray Adjuvant	96.15%	7783-20-2	NOL/NOL

**4. FIRST AID MEASURES**

<b>EYES:</b>	Immediately flush eyes with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flushing of the entire eye surface. Do not let victim rub eyes. Seek medical attention.
<b>SKIN:</b>	Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.
<b>INGESTION:</b>	Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
<b>INHALATION:</b>	Remove person from area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if qualified operator is available. Seek immediate medical attention.

**5. FIRE FIGHTING MEASURES**

<b>FLASH POINT (°F/Test Method):</b>	>250°F
<b>FLAMMABLE LIMITS (LFL &amp; UFL):</b>	Not Applicable
<b>EXTINGUISHING MEDIA:</b>	Foam, CO <sub>2</sub> , Dry Chemical, and Water; Class BC, ABC Fire Extinguisher
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	None known
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Clear fire area of unprotected personnel. Cool fire exposed containers with water. Attack from upwind.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Decomposes at elevated temperatures upon drying to produce toxic fumes of ammonia and sulfur oxides. If the dry solid is mixed with strong oxidizers such as ammonium nitrate, potassium salts- nitrite, nitrate or chlorates, a vigorous reaction or explosion may occur.

**6. ACCIDENTAL RELEASE MEASURES****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

**Small spills:** Sweep or shovel into a suitable container for recovery or disposal.

**Large Spills:** Thoroughly collect spilled material to facilitate salvage or disposal. Recover material for use, reprocessing or disposal.

**CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water. Material is slippery when wet.

**7. HANDLING AND STORAGE**

<b>HANDLING:</b>	Keep out of reach of children. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment. Wash thoroughly with soap and water after handling. Wash hands before breaks and at the end of work
<b>STORAGE:</b>	Store in cool dry area. Keep away from strong oxidizers, such as chlorates, nitrates and

nitrites. Keep in original container tightly closed. Do not reuse empty container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>THRESHOLD LIMIT VALUE:</b>	NOL
<b>PERMISSIBLE EXPOSURE LIMIT:</b>	NOL
<b>SIGNS AND SYMPTOMS OF EXPOSURE:</b>	Irritation of skin and eyes. Contact with eyes is painful and irritating. Overexposure: Prolonged skin contact may cause moderate irritation. May cause severe eye injury.
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:</b>	Preexisting eye and skin disorders may be aggravated by exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.
<b>PRIMARY ROUTES OF ENTRY:</b>	Dermal
<b>ENGINEERING CONTROLS:</b>	Use adequate exhaust ventilation to prevent inhalation of product vapors.
<b>RESPIRATORY PROTECTION:</b>	None required with adequate ventilation. Use NIOSH-approved respiratory protection equipment if misty conditions exist.
<b>EYE PROTECTION:</b>	Avoid contact with eyes. Wear full face shield or chemical splash goggles when handling. Do not wear contact lenses.
<b>SKIN PROTECTION:</b>	Avoid contact with skin. USDA accepted nitrile or neoprene rubber gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND COLOR:</b>	Off white granular crystals: slight odor
<b>SPECIFIC GRAVITY: (Water=1):</b>	Not Determined
<b>VAPOR PRESSURE:</b>	Not Applicable
<b>VAPOR DENSITY (Air = 1):</b>	Not Applicable
<b>% VOLATILITY (V/V):</b>	Not Applicable
<b>BOILING POINT:</b>	Not Applicable
<b>MELTING POINT:</b>	Not Applicable
<b>SOLUBILITY:</b>	Completely miscible in water
<b>pH:</b>	7.0
<b>VISCOSITY @ 20°C:</b>	Not Applicable

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable
<b>CONDITIONS TO AVOID:</b>	Extreme Temperatures (above 282°C)
<b>INCOMPATIBILITY:</b>	Strong oxidizing agents; e.g potassium salts-nitrite, nitrate, chlorate; also, chlorine, bases and hypochlorite.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	May form ammonia and sulfur trioxides.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

<b>ACUTE ORAL LD<sub>50</sub>:</b>	LD <sub>50</sub> >200 mg/kg
<b>EYE IRRITATION:</b>	Severe
<b>INHALATION LC<sub>50</sub>:</b>	May irritate nose, throat, and lungs
<b>CARCINOGENETIC POTENTIAL:</b>	This product is not carcinogenic teratogenic or mutagenic as determined by OSHA, NTP, or IARC. Danger of methemoglobin formation.
<b>ACUTE DERMAL LD<sub>50</sub>:</b>	Slight Irritation
<b>SKIN IRRITATION/SENSITIZATION:</b>	Moderate (Prolonged exposure)

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

Do not reuse container. Place in trash or offer for recycling. Incinerate contaminated solids in accordance with local, state, and federal regulations.

**Waste Disposal Methods:** Do not contaminate water, food or feed by storage or disposal. Waste resulting from spills of this material are not subject to CERCLA/RCRA regulations. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable Local, State and Federal regulations.

## 14. TRANSPORTATION INFORMATION

**D.O.T. Shipping Description:** NOT REGULATED BY DOT BY HIGHWAY.  
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

## 15. REGULATORY INFORMATION

### NFPA & HMIS Hazard Ratings:

#### NFPA

2 Health  
0 Flammability  
0 Reactivity

#### HMIS

2 Health  
0 Flammability  
0 Reactivity  
C PPE

### SARA Hazard Notification/Reporting SARA Title III Hazard Category:

Immediate: Y  
Delayed: N  
Sudden Release of Pressure: N  
None

Fire: N  
Reactive: N

### Reportable Quantity (RQ) under U.S. CERCLA:

SARA, Title III, Section 313:

Contains no chemical subject to SARA 313

SARA, Title III, Section 302:

EHS  
TPQ

None  
10,000 lbs

RCRA Waste Code:

Not listed

CA Proposition 65:

Not listed

## 16. OTHER INFORMATION

**SDS STATUS:**

Updated

**REASON FOR CHANGE:**

Added GHS statements

**PREPARED BY:**

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**AMS Plus DRY**