

**1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** AMS 2000  
**CHEMICAL FAMILY:** Ammonium Salts/Polymer  
**GENERIC NAME:** Dry Water Soluble Mixture

**SUPPLIER**

Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164-0589  
**Customer Service:** 1-855-494-6343 (Mon-Fri 8am-5pm CST)

**24 HR. EMERGENCY TELEPHONE NUMBERS**

FOR MEDICAL EMERGENCY: 1-877-424-7452

FOR CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CONTACT  
CHEMTREC: 1-800-424-9300

**2. HAZARDS IDENTIFICATION****GHS CLASSIFICATIONS****Health:**

Acute Toxicity (Oral), Category 5  
Acute Toxicity (Dermal), Category 5  
Skin Irritation, Category 3  
Eye Irritation, Category 2A

**GHS LABEL**

Exclamation  
mark

**SIGNAL WORD: WARNING****HAZARD STATEMENTS**

H303: May be harmful if swallowed.  
H313: May be harmful in contact with skin.  
H316: Causes mild skin irritation.  
H319: Causes serious eye irritation.

**PRECAUTIONARY STATEMENTS****Prevention:**

P264: Wash hands, face and other affected areas thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes moderate eye irritation.

**SKIN:** Causes mild skin irritation

**INGESTION:** Ingestion may irritate the digestive tract.

**INHALATION:** Inhalation may irritate the respiratory tract.

**CARCINOGENICITY:** Not Listed as a carcinogen by NTP, OSHA, or ACGIH standards.

**SENSITIZATION:** Not a skin sensitizer.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Ammonium Salts, Polyacrylamide Polymer and siloxane	100	Mixture

**4. FIRST AID MEASURES**

**EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

**INHALATION:** Move individual to fresh air. If individual is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.

**ADDITIONAL INFORMATION:** Have the product container or label with you when calling a poison control center or doctor, or going in for treatment. For emergency medical assistance call 1-877-424-7452

**5. FIRE FIGHTING MEASURES**

**GENERAL HAZARD:** Toxic fumes may be emitted in a fire situation.

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, water spray or fog.

**HAZARDOUS COMBUSTION PRODUCTS:** Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.

**EXPLOSION HAZARDS:** Dust suspended in air may create a potentially explosive environment.

**FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Explosive vapor could form from ruptured containers. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Contain material. If material is not contaminated with other materials the product may still be viable for use. Sweep up spilled material which is contaminated and place it and damaged unusable containers in a container appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

**LARGE SPILL:** Contain material. If material is not contaminated with other materials the product may still be viable for use. Sweep up spilled material which is contaminated and place it and damaged unusable containers in a container appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Do not contaminate any body of water.

**LAND SPILL:** Avoid runoff onto any adjacent land.

**SPECIAL PROTECTIVE EQUIPMENT:** Always wear proper protective equipment when handling this product.

## 7. HANDLING AND STORAGE

**HANDLING:** Wash hands after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**STORAGE:** Store in original container. Keep container tightly closed. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal waste or by cleaning of equipment. Keep away from food, feed or other product, especially oxidizing agents, to prevent contamination.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical goggles or shielded safety glasses (ANSI Z87.1 or approved equivalent) when handling and mixing product. Contact lenses should not be worn when working with chemicals.

**SKIN:** Wear protective clothing: long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves. Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements.

**RESPIRATORY:** Work in a well ventilated area. Avoid exposure to airborne contaminants. Wear a NIOSH/MSHA approved dust mask or filter when vapors or dust are generated above the permissible limit above the TLV (See comments below).

**PROTECTIVE CLOTHING:** Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**COMMENTS:** Nuisance Dust TLV (Units): 10mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Mild

**APPEARANCE:** Free flowing granule

**COLOR:** White

**pH:** Not Available

**FLASH POINT AND METHOD:** > (200 °F)

**Notes:** This material is difficult to burn and will not sustain combustion.

**VAPOR PRESSURE:** Not Applicable

**BOILING POINT:** Not Applicable

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** Not Applicable

**DENSITY:** 52-57 lbs/cu. ft.

**SPECIFIC GRAVITY:** Not Applicable

**COMMENTS:** 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

**STABLE:** Yes

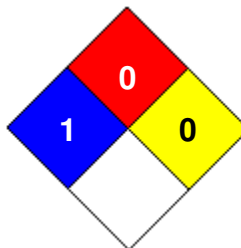
**HAZARDOUS POLYMERIZATION:** No

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Temperatures above 282°C causes a release of ammonia and sulfur trioxide.

**INCOMPATIBLE MATERIALS:** Strong oxidizers, bases, chlorates, and nitrates.

**11. TOXICOLOGICAL INFORMATION****ACUTE****DERMAL LD<sub>50</sub>:** > 2000 mg/kg**ORAL LD<sub>50</sub>:** > 2000 mg/kg**INHALATION LC<sub>50</sub>:** Not Established**EYE EFFECTS:** Causes moderate eye irritation.**SKIN EFFECTS:** May cause mild skin irritation.**CARCINOGENICITY****Notes:** Not listed in OSHA, NTP, IARC or ACGIH**SENSITIZATION:** Not a contact sensitizer**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Ecotoxicity information is not available. This product is not for use in aquatic settings.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Completely empty contents of bag into spray application equipment. Do not reuse container. Offer empty container for recycling, or puncture and dispose of according to local, state, and federal regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PRIMARY HAZARD CLASS/DIVISION:** Not regulated by DOT**PLACARDS:** None**LABEL:** None**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**313 REPORTABLE INGREDIENTS:** Not Listed**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA RQ:** Not Listed**CALIFORNIA PROPOSITION 65:** Not Listed**16. OTHER INFORMATION****Revision Date:** April 10, 2019**Superceeds Document Dated:** February 13, 2014**Section Revised:** 1**NFPA CODES**

**DISCLAIMER OF LIABILITY**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.