

MATERIAL SAFETY DATA SHEET

MILLED AMS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

UNITED SUPPLIERS, INC.
BOX 538
Eldora, IA 50627



PRODUCT NAME: MILLED AMS

CHEMICAL NAME: Water Conditioner - Antifoam

CHEMICAL FAMILY: Ammonium Sulfate/Polydimethylsiloxane

EMERGENCY CONTACT: In the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving chemicals -- call **CHEMTREC (800) 424-9300**.

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION:

EYE: May cause eye irritation.

SKIN: May cause mild irritation.

INHALATION: Inhalation of dust may cause respiratory irritation or distress.

INGESTION: Ingestion may irritate the digestive tract.

OTHER INSTRUCTIONS: Read all precautions of products being handled and follow the most restrictive language for all products to provide the safest work environment.

3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Ammonium Sulfate	99.1	7783-20-2	Not listed
Polydimethylsiloxane	00.4	Not listed	
		Nuisance Dust	10mg/m3

4. FIRST AID MEASURES

If in Eyes: Hold eye 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 eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: 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.

If Swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the 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.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT have the product container or label with you when calling a poison control center or doctor.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F): Difficult to burn, will not sustain combustion

FLAMMABLE LIMITS (LFL & UFL): Not established

EXTINGUISHING MEDIA: Use foam, dry chemical, carbon dioxide, water spray or fog.

HAZARDOUS COMBUSTION PRODUCTS: Toxic fumes may be emitted in a fire situation.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area and fight fire upwind from 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 run off. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dust suspended in air may create a potentially explosive environment.

FIRE FIGHTING EQUIPMENT: Wear fire fighting gear appropriate for surrounding fire.

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

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: In case of leak or spill, contain material, if it 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. **NOTE:** Prevent spilled material from flowing onto adjacent land, or into municipal sewers and open bodies of water. Do not contaminate any body of water. Always wear proper protective equipment when working with the product.

7. HANDLING AND STORAGE

HANDLING: Wash hands after handling, and 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 product in the original package only. Store in a clean, dry facility away from oxidizing agents. Keep containers lightly closed. Do not allow water or other chemicals to be introduced into contents of container. Do not store near feed or food products. Do not use or store near open flame.

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.

RESPIRATORY PROTECTION: Work in a well ventilated area; avoid exposure to airborne contaminants; wear an OSHA/NIOSH approved dust mask or filter if dust concentration exceeds TLV (See Section 3).

Personal Protective Equipment (PPE): Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White, free flowing granule, Slight

SPECIFIC GRAVITY (Water=1): Not Applicable

VAPOR PRESSURE: Not Applicable

PERCENT VOLATILE (by volume): Not Applicable

SOLUBILITY: Soluble **pH:** Not Available

BULK DENSITY: ~67-71 lbs/cu. ft.

BOILING POINT: Not Applicable

EVAPORATION RATE: 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

STABILITY: Stable

CONDITIONS TO AVOID: None Known

IMCOMPATIBILITY: Strong oxidizers, bases, chlorates and nitrates.

HAZARDOUS POLYMERIZATION: Will not occur.

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

11. TOXICOLOGICAL INFORMATION (Based on the toxicology of the components)

Acute Oral LD₅₀: >2,000 mg/kg (female)

Eye Irritation: May cause moderate irritation

Inhalation LC₅₀: Not Established

Carcinogenic Potential: None listed in OSHA, NTP, IARC, or ACGIH

Acute Dermal LD₅₀: >2,000 mg/kg

Skin Irritation: May cause mild irritation

Skin sensitization: Not a contact sensitizer

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL SUMMARY: Ecotoxicity information is not available. This product is not for use in aquatic settings.

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13. DISPOSAL CONSIDERATIONS

Completely empty contents of bag into spray application equipment. Do not reuse container. Offer empty container for recycling, or puncture and dispose according to local and state regulations.

14. TRANSPORT INFORMATION

DOT HAZARD CLASS: Not regulated by DOT

UN NUMBER: Not Applicable

DOT PACKING GROUP: Not Applicable

DOT PRIMARY/SECONDARY LABEL: None

DOT PRIMARY/SECONDARY PLACARD: None

15. REGULATORY INFORMATION

NFPA RATINGS: Least = 0 Slight = 1 Moderate = 2 High = 3 Severe = 4

Ratings for this product: Health – 1 Flammability – 0 Instability – 0 Special Hazards – None Specified

SARA Title III Hazard Category: Immediate Y Fire N
Sudden Release of Pressure N Delayed N Reactive N

Reportable Quantity (RQ) under U.S. CERCLA: Not listed

SARA, Title III, Section 313: Not listed

CA Proposition 65: Not listed

16. OTHER

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