

SAFETY DATA SHEET

GROWMARK, INC.

Updated: October 23, 2020

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **FS AMS MAX™ 2.0**
Supplier: Growmark, Inc.
1701 Towanda Ave.
Bloomington, IL 61701
Product Use: Nonionic Surfactant plus AMS
Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300
Customer Service, call: (847) 596-3001

2. HAZARDS IDENTIFICATION

GHS Classification:

Skin Irritation, Category 2, H315

Eye Irritation, Category 2B, H320



H315

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statements:

Prevention

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash protective equipment and work clothes thoroughly after handling.

P280: Wear protective gloves.

Response

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.

P321: Treat Symptomatically.

P332+P313: If skin irritation occurs: Get medical advice or attention.

P337+P313: If eye irritation persists: Get medical attention or advice.

P362+P364: Take off contaminated clothing and wash it before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Weight %</u>
Ammonium Sulfate	7783-20-2	N/E	15mg/M3 (total /TWA)	>20%
Nonionic Surfactant	Proprietary	N/E	N/E	<25%

4. FIRST AID MEASURES

IF SWALLOWED: Rinse mouth. Have person sip a glass of water if able to swallow. **Do NOT induce vomiting**, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

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IF ON SKIN: Wash affected area with plenty of soap and water. Use tepid water if available. Treat symptomatically. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.

IF INHALED: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Other Effects: This product is not a carcinogen by NTP, OSHA and ACGIH.

5. FIREFIGHTING MEASURES

Suitable Extinguishing media: Water spray (fog), dry chemical, CO₂ or foam may be used where product is stored.

Specific Hazards: Do not enter confined fire-spaces without protective clothing and self-contained air supply.

PPE and Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: No action shall be taken involving any personal risk or without suitable training. Evacuate the spill area, except for cleanup personnel. Wear NIOSH/MSHA-approved respirator and protective equipment as referenced in Section 8 below. Control spill with adsorbent pads or booms. Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal. Large spills may be flushed to sewer if local authorities approve such. Product is slippery under foot; flush smooth surfaces thoroughly.

Disposal: Dispose of collected waste in accordance with federal, state and local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. HANDLING AND STORAGE

Keep away from heat, sparks and flame. Keep container closed. Safety goggles with full-face shield and eyewash recommended. USDA-accepted Nitrile (CFR-20) or Neoprene Rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use only with adequate mechanical exhaust ventilation. To avoid fire minimize ignition sources. Product should be stored in a dry place with temperatures above 30°F. Partially used containers should be resealed between uses for maximum storage stability.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits: None

Eye/Face Protections: Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear coveralls and boots to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Respiratory Protection: Not required under normal use conditions with good ventilation. Protect against spray mists.

General Protection: Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or

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processed. Eye wash fountains and drench showers should be located within a 10 second walk from the work area per ANSI/ISEA Z358.1-2009.

Personal Protection in Case of Large Spill: Splash goggles, full suit, boots and gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark-brown colored liquid	UEL:	N/D
Odor:	Low characteristic odor	LEL:	N/D
Odor Threshold:	N/D	Vapor Pressure:	N/D
pH:	5.5 ± 0.5	Vapor Density:	2.6
Melting Point:	N/D	Relative Density (lbs/g):	10.06 ± 0.05
Freezing Point:	N/D	Solubility in water:	Complete
Boiling Point:	212°F	Partition Coefficient:	N/D
Flash Point:	None to boiling	Autoignition Temperature:	N/D
Evaporation Rate:	N/D	Decomposition Temperature:	N/D
Flammability:	N/D	VOC:	N/D

10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
Condition to Avoid:	Temperature extremes.
Incompatible Materials:	Oxidizers, Nitrates, Chlorates and Peroxides.
Hazardous Decomposition Products:	Burning may release ammonia and oxides of sulfur and carbon.

11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

12. ECOLOGICAL INFORMATION

No ecological information is available for this product.

13. DISPOSAL CONSIDERATIONS

Component Waste Numbers:	No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions:	Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.
Container Reuse:	An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail):	Not Regulated
IATA Status (Air):	Not Regulated
Marine Pollutant:	No

15. REGULATORY INFORMATION

TSCA: All components of this product are listed under the regulation of the Toxic Substance Control Act.

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SARA HAZARD: Title III, Section 313: Contains no Section 313 listed substances subject to reporting requirement.

AICS (Australia): Components listed

DSL (Canada): Components listed

EINECS (Europe): Components listed

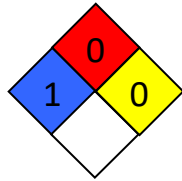
TSCA: Components listed

16. OTHER INFORMATION

HMIS Hazard Rating

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

NFPA Rating



Date Prepared: June 30, 2014

Last Updated: July 3, 2017

WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, LLC MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.