



## AERO-NOURISH AERIAL APPLICATION SOLUTIONS

### SAFETY DATA SHEET

CURRENT AS OF: 1/23/26

#### SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10011260, 10011270, 10011281

PRODUCT NAME: AERO-NOURISH AERIAL APPLICATION SOLUTIONS

PRODUCT USE: Fertilizer

MFR INFO: The Andersons, Inc.  
PO Box 119  
Maumee, OH 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

#### SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOL:



SIGNAL WORD: *WARNING*

HAZARD STATEMENT: *CAUSES SERIOUS EYE, SKIN, AND RESPIRATORY IRRITATION.*

#### HAZARD CLASSIFICATIONS

*ACUTE TOXICITY, ORAL*

*EYE IRRITATION*

*SKIN IRRITATION*

*SPECIFIC TARGET ORGAN TOXICITY*

- *SINGLE EXPOSURE*

#### CATEGORY

4

2A

2

3

#### INTERPRETATION

Harmful if swallowed

Causes serious eye irritation

Causes skin irritation

May cause irritation to respiratory tract

#### PRECAUTIONARY STATEMENTS:

- *IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION*
- *WEAR PROTECTIVE GLOVES*
- *REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE*
- *AVOID BREATHING VAPORS/MISTS*
- *IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF UNWELL*
- *USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA*
- *CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL*
- *WASH THOROUGHLY AFTER HANDLING*
- *DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT*
- *IF SWALLOWED: RINSE MOUTH AND SEEK MEDICAL ATTENTION*
- *IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES*
- *IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION*

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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL IDENTITY</u>	<u>SYNONYM</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION (%)</u>
Ureas	Mixed ureas	57-13-6	00-10
Ammonium Sulfate		7783-20-2	00-10
Manganese Hydrogen Citrate		71799-92-3	05-15
Monoethanolamine Borate		10377-81-8	00-10
Copper(II) Sulfate Pentahydrate		7758-99-8	00-10
Zinc Sulfate Monohydrate		7446-19-7	00-10

### SECTION 4: FIRST AID MEASURES

IF INHALED:	Move to fresh air, keep comfortable, seek medical attention if breathing becomes difficult or symptoms persist.
IF ON SKIN:	Wash affected areas with soap and water while removing and isolating all contaminated clothing. Seek medical attention if irritation persists or a rash appears. Wash contaminated clothing before re-use.
IF IN THE EYES:	Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do – continue rinsing. Seek medical attention if irritation persists
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Call POISON CONTROL and seek medical attention if unwell.
SPECIAL TREATMENT:	None known
HEALTH HAZARDS:	See Section 11

### SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:	Use media suitable for surrounding fire. No special media required.
SPECIFIC FIRE HAZARDS:	When heated to decomposition, this product will emit toxic oxides/fumes, sulfides, and ammonia.
SPECIAL FIREFIGHTING PROCEDURES:	Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

### SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL / RELEASE PROCEDURES:	Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.
ENVIRONMENTAL PRECAUTIONS:	Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.
PROTECTIVE EQUIPMENT:	Wear PPE according to Section 8

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### SECTION 7: HANDLING AND STORAGE

Wash hands after handling material. Do not eat, drink or smoke while handling the material. Avoid breathing vapors/mists. Not intended for human consumption. Do not store with food or feedstuffs. Store in a cool, dry, well-ventilated area away from incompatible materials.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE LIMITS:

The following constituents are the only constituents of the product, which have a PEL, TLV or other recommended exposure limit. Currently, the other constituents have no known exposure limits.

<u>HAZARDOUS COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Manganese Compounds	5 mg/m <sup>3</sup> (Ceiling)	0.2mg/m <sup>3</sup> (TWA)

#### PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

RESPIRATORY PROTECTION:	NIOSH approved respirator, if required
EYE PROTECTION:	Safety glasses with sideshields, goggles, or faceshield
SKIN PROTECTION:	Appropriate for the task. Impervious and compatible with material
VENTILATION:	Use with adequate ventilation

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear colorless solution with slight ammonia odor
pH:	~ 7.30
MELTING POINT:	Not applicable
BOILING POINT:	Not available
FLASH POINT:	Not flammable
EVAPORATION RATE:	Not available
FLAMMABLE LIMITS:	Not applicable
VAPOR PRESSURE:	Not available
VAPOR DENSITY:	Not available
SPECIFIC GRAVITY:	~ 1.198
SOLUBILITY (IN WATER):	Soluble
PARTITION COEFFICIENT:	Not available
AUTOIGNITION TEMP:	Not available
DECOMPOSITION TEMP:	Not available
ODOR THRESHOLD:	Not available
VISCOSITY:	Not available

### SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Product is stable.
CONDITIONS TO AVOID:	Heat
INCOMPATIBILITY:	Strong acids, bases, and oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic oxides/fumes, sulfides, and ammonia.

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### SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Causes serious eye, skin, and respiratory irritation. Harmful if swallowed.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

#### INGREDIENT TOXICITY RANGES:

ORAL: > 57 mg/kg (zinc sulfate) – 14,300 mg/kg (urea)

### SECTION 12: ECOLOGICAL INFORMATION

Long term degradation products may arise. Products of degradation are not expected to be hazardous.

### SECTION 13: DISPOSAL CONSIDERATIONS

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

### SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

### SECTION 15: REGULATORY INFORMATION

#### US FEDERAL REGULATIONS

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 304: This material does not contain any components with a section 304 EHS RQ.

SARA 311 / 312: Refer to Section 2.

SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313:

CHEMICAL NAME	CAS No.	% BY WEIGHT
Manganese Compounds		
Zinc Compounds		
Copper Compounds		
Zinc Sulfate	7446-20-0	

CERCLA (RQ):	CHEMICAL NAME	CAS No.	REPORTABLE QTY (lbs)
	Manganese Compounds		No RQ
	Zinc Compounds		No RQ
	Copper Compounds		No RQ

TSCA			
Chemical Name	CAS No.	US TSCA Inventory Listing	US TSCA Inactive / Active Designation
Urea	57-13-6	Present	Active
Manganese Citrate	10024-66-5	Present	Active
Zinc Sulfate	7733-02-0	Present	Active
Ammonium Sulfate	7783-20-2	Present	Active
Monoethanolamine Borate	10377-81-8	Present	Active
Copper Sulfate Tribasic	1332-14-5	Present	Active

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### US STATE REGULATIONS

RIGHT-TO-KNOW:	CHEMICAL NAME	CAS No.	States
	Manganese Compounds		CA, MA, MN, NJ, PA
	Manganous Sulfate		CA, MN, NJ, PA
	Zinc Sulfate		MA, NJ, PA
	Zinc Compounds		(CA, IL, MA, NJ, PA)
	Copper Compounds		(CA, MA, MN, NJ, PA, RI)

CALIFORNIA PROP 65: No requirements

### SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH	1
	FLAMMABILITY	0
	INSTABILITY	0
HMIS RATINGS:	HEALTH	1
	FLAMMABILITY	0
	INSTABILITY	0

### PREPARATION & VERSION INFORMATION

Version 001 – SDS originally created 01/23/2026 Prepared By DBA EHS Consulting

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