



# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

<b>Identifier</b>	<b>CornScience</b>
<b>Recommended Use</b>	Plant nutrient/supplement for agricultural use
<b>SupplierDetails</b>	AgXplore International, LLC 7035 State Hwy D P.O. Box 638 Parma, MO 63870 USA
<b>Telephone Contacts</b>	For Product Information, call (573) 357-4506 FOR ANY SPILL, LEAK, FIRE, OR EXPOSURE, CALL CHEMTREC 1 (800) 424-9300 (24 HRS)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification According to 29 CFR 1910.1200

Oral	Category 4
Skin corrosion/irritation	Category 3
Eye damage/irritation	Category 2B
Skin sensitizer	Not a sensitizer

### Label Elements

#### Hazard Statements

- H303 Harmful if swallowed
- H316 Causes mild skin irritation
- H320 Causes eye irritation

#### Precautionary Statements

- Prevention
- P264 Wash thoroughly after handling

#### 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 caution with water several minuts. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical attention

### Signal Word

**WARNING**



**KEEP OUT OF REACH OF CHILDREN**

### Other Hazards

Suspected of damaging fertility or the unborn child

### SECTION 3: COMPOSITION

Ingredient Name	CAS Number	Percent
Ammonium Thiosulfate	7783-18-8	>20.0%
Zinc EDTA	14025-21-9	>30.0%
Copper EDTA	39208-15-6	>3.0%
Boric Acid (H3BO3) reaction products with ethanalamine	94095-04-2	<5.0%
Other Ingredients	N/A	35%><45%

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

If symptoms occur, call a poison control center or doctor for treatment advice.

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.

If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

If swallowed: Call a poison control center or doctor immediately for advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. 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.

#### Most Important Symptoms and Effects Acute and Delayed

#### Immediate Medical Attention and Special Treatment

Treat symptomatically. Have container with you when seeking medical advice.

Note to physician: No specific antidote. Treat symptomatically and according to the condition of the patient.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

Use water fog or fine spray, dry chemical fire extinguishers, carbon dioxide fire extinguishers, or foam. Do not use direct water stream, as this may spread the fire.

#### Special Hazards Arising from the Substance or Mixture

Avoid inhaling the fumes.

#### Special Protective Equipment and Precautions for Firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting gear. If protective equipment is not available or is not used, fight fire from a protected location or safe distance. Consider the use of unmanned hold holders or monitor nozzles. Keep people away. Isolate the fire and deny unnecessary entry. Move container from fire area if this is possible without hazard. Immediately withdraw all personnel from the area in case of rising sound from venting safety devices or discoloration of the container. Use water spray to cool fire exposed containers and fire affected zone until fire is out and the danger of reignition has passed.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions Protective Equipment and Emergency Procedures

Avoid inhalation of vapors, dusts, and spray mist. Avoid contact with skin and eyes. Spilled material may cause a slipping hazard. Use appropriate personal protective equipment (see section 8).

### Environmental Precautions

Prevent further spillage if safe to do so. Prevent from entering into soil, ditches, sewers, waterways, and/or groundwater.

### Methods and Materials for Containment and Cleanup

Contain spilled material if possible. Absorb with inert material and dispose of in accordance with applicable regulations. See additional information in Section 13 Disposal Considerations.

## SECTION 7: HANDLING AND STORAGE

### Advice on Safe Handling

Wear protective equipment. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke while handling this product. Ensure adequate ventilation. Avoid inhalation of dusts, vapors, or spray mist. Avoid prolonged exposure. Wash hands thoroughly after handling.

### Conditions for Safe Storage

Store in original container. Do not freeze. Store away from direct sunlight or ultraviolet light. Store in a dry place. Do not reuse empty container. Do not allow water to be introduced into container. Do not contaminate water, food, or feed by storage or disposal.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

No TLV/PEL listings for this mixture.

Appropriate engineering controls: Provide adequate ventilation. Provide eyewash station and safety shower.

### Exposure Controls

Personal Protective Equipment: Wear splashproof goggles or shielded safety glasses, chemical-resistant gloves, long pants, long-sleeved shirt, shoes plus socks, and a chemical-resistant apron.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid	<b>Evaporation Rate</b>	Not determined
<b>Appearance/Color</b>	Blue-Green	<b>Specific Gravity (H2O = 1.0)</b>	1.235
<b>Odor</b>	Slight Ammonia Odor	<b>Solubility in Water (by Weight)</b>	Soluble
<b>Odor Threshold</b>	Not determined	<b>Autoignition Temperature</b>	Not determined
<b>pH</b>	7.5-8.5	<b>Decomposition Temperature</b>	Not determined
<b>Freezing Point</b>	Not determined	<b>Viscosity</b>	Not determined
<b>Flash Point</b>	Not determined	<b>Liquid Density</b>	10.3 lbs/gal
<b>Vapor Pressure</b>	Not determined		

## SECTION 10: STABILITY AND REACTIVITY

### Reactivity

Stable. No dangerous reaction potential known under normal conditions of use.

### Chemical Stability

Stable under normal temperature and storage conditions.

### Possibility of Hazardous Reactions

Stable under normal conditions.

**Conditions to Avoid**

Avoid exposure to strong oxidizers, strong bases, and strong acids. Avoid extreme heat, open flame, sparks, and other sources of ignition.

**Incompatible Materials**

Strong acids, strong bases, and strong oxidizers.

**Hazardous Decomposition Products**

Decomposition products depend upon temperature, air supply, and the presence of other materials. Decomposition products may include, but are not limited to: aldehydes, alcohols, esters, and organic acids.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on Toxicological Effects**

Acute Oral: No data available  
Acute Dermal: No data available  
Acute Inhalation: No data available  
Dermal Irritation: No data available  
Eye Irritation: May cause irritation  
Dermal Sensitization: Not a contact sensitizer  
Germ Cell Mutagenicity: No data available  
Carcinogenicity: No data available  
Reproductive Toxicity: Suspected of damaging fertility or the unborn child  
Specific Target Organ Toxicity: No data available  
Aspiration Hazard: No data available

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

This product is not classified as environmentally hazardous.

**Aquatic Acute Toxicity:**

EC50 Algae: N/A  
LC50 Crustacea: N/A  
LC50 Fish: N/A

**Persistence and Degradability**

Material is readily biodegradable.

**Bioaccumulative Potential**

No data available.

**Mobility in Soil**

No data available.

**Other Adverse Effects**

No other known adverse effects.

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

Do not reuse empty container. Triple rinse, then offer for recycling or disposal in a sanitary landfill, or by other means in accordance with local, state, and federal regulations.

Dispose of waste materials at an approved waste disposal facility. Do not dump material in sewer or any body of water, or on the ground.

## SECTION 14: TRANSPORT INFORMATION

### Transportation

DOT Non-Bulk: Not Regulated

DOT Bulk: Not Regulated

## SECTION 15: REGULATORY INFORMATION

### Safety, Health, and Environmental Regulations

NFPA Hazard Rating: (0 = Least, 1= Slight, 2=Moderate, 3=High, 4= Severe)

0 Health

1 Fire

0 Reactivity

SARA Title III Hazard Notification and Reporting:

Section 302 Extremely Hazardous Substances: This product is not known to contain any Extremely Hazardous Substances.

Sections 311 and 312 Hazard Categories:

Immediate (Acute) Health Hazard: No

Delayed (Chronic) Health Hazard: No

Fire Hazard: No

Reactive Hazard: No

Sudden Release of Pressure Hazard: No

Section 313 Toxic Chemical Release: This product does not contain any chemical components that exceed the threshold reporting quantities in Section 313.

CERCLA Hazardous Substances List (40 CFR 302.4): Not Listed

U.S. Toxic Substances Control Act (TSCA): All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

## SECTION 16: OTHER INFORMATION

**Date Created** 2/24/2021

**Date Superseded** 6/4/2020

**VersionName** CornScience2

### Change Notes

Re-authored in new SDS system

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