

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION

**PRODUCT NAME:** CornScience  
**DESCRIPTION:** Agricultural Nutrient Blend

**MANUFACTURED FOR:** AgXplore International, LLC.  
7035 State Hwy D  
Parma, Missouri, USA, 63870

Telephone: (573) 357-4506

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

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification(s):

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

### GHS Hazard Symbols:



**Signal Word:** **WARNING**  
**Hazard Statement:** Causes eye irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

**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 cautiously with water several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical attention.

**Storage:**

None

**Disposal:**

None

**SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS #	Amount
Ammonium thiosulfate	7783-18-8	>20%
Zinc EDTA	14025-21-9	>30%
Copper EDTA	39208-15-6	>3%
Boric Acid (H3BO3) reaction products with ethanalamine	94095-04-2	<5%
*Other ingredients		35% > < 45%

\*Ingredients not specifically listed are non-hazardous or are to be considered proprietary or confidential business information per 29 CFR 1910.1200 (i)

**SECTION 4. FIRST AID MEASURES**

**Description of first aid measures:**

**General advice:** If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.

**Skin Contact:** Immediately flush skin with plenty of soap and water. If unable to wash immediately or tingling, numbness or a burning sensation develops apply skin cream or an oil-based solution to the affected area. If irritation persists, get medical attention.

**Ingestion:** Provided the patient is conscious, wash out mouth with water. Immediately contact medical personnel or an emergency facility. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in vomitus, rinse mouth and administer water.

**Inhalation:** Move person to fresh air. If breathing is labored, administer oxygen. If not breathing, give artificial respiration. Obtain medical attention.

**Most Important Symptoms/Effects, Acute and Delayed:**

Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Prolonged exposure may cause chronic effects.

Get medical attention if symptoms occur.

## SECTION 5. FIREFIGHTING MEASURES

### **Suitable Extenuishing Media:**

Use dry sand, dry chemical or alcohol foam. Do not use water jet as this will spread the fire.

**Special Protective Equipment and Precautions for Fire-Fighters:** Wear protective clothing including NIOSH-approved self-contained breathing apparatus.

**Hazardous Decomposition Products:** Can release ammonia, nitrous oxide fumes, cyanides, oxides of carbon and phosphorus oxide fumes.

### **Special Hazards Arising from the Chemical:**

No data available

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Avoid breathing vapors, mist or gas and contact with skin or eyes. For personal protection see Section 8.

**Environmental Precautions:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

**Methods and Materials for Containment and Clean Up:** Large spills: stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. After removal, flush contaminated area thoroughly with water. Small spills: wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Keep in suitable closed containers for disposal.

**Refer to other sections:** For disposal, see section 13.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid inhalation of mists, vapors/spray, and contact with eyes, skin, and clothing. Do not breathe mists or vapor. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. Wash thoroughly after handling. Do not empty into drains. Handle and open container with care. Use care in handling/storage. Wash before eating, drinking, and/or smoking.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in original container. Keep container tightly closed when not in use. Store in a cool, dry, locked place out of the reach of children and out of direct sunlight.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Control Parameters:**

No data available

**Engineering Controls:** Provide adequate general and local exhaust ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors and spray mists. Provide eyewash station and safety shower.

**Individual Protection Measures (PPE):**

**Eye/Face Protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin Protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work place.

**Respiratory Protection:** Respiratory protection is not required. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Other Protective Equipment:** Eye-wash station. Safety shower. Protective clothing.

**General Hygiene Conditions:** Wash with soap and water before meal times and at the end of each work shift. Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid
Odor	Slight ammonia odor
Color	Blue-green
pH (neat)	7.5-8.5
Freezing Point	Not Determined
Melting Point	Not Determined
Boiling Point / Range	Not Determined
Specific Gravity (25°C)	1.235 at 20°C
Flash Point	Not Determined
Solubility in Water	Soluble
Viscosity	Not Determined
Odor Threshold	Not Determined
Evaporation Rate	Not Determined
Upper / Lower Flammability Limits	Not Determined
Vapor Pressure	Not Determined
Vapor Density	Not Determined
Partition Coefficient	Not Determined
Auto-Ignition Point	Not Determined
Decomposition Temperature	Not Determined
Density	10.3 lbs/gal

## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	No data available
<b>Conditions to Avoid:</b>	No data available
<b>Incompatible Materials:</b>	Oxidizers, hypochlorites, strong acids and strong bases
<b>Hazardous Decomposition Products:</b>	No data available
<b>In the event of fire:</b>	See Section 5

## SECTION 11. TOXICOLOGICAL INFORMATION

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

## SECTION 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL IMPACT RATING: (0-4):** No data available for this product.  
**Aquatic Acute Toxicity:** No data available for this product.  
**DEGRADABILITY:** No data available for this product.  
**BIOACCULULATION FACTOR (BCF):** No data available for this product.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Hazardous Waste Number:** NA

Wastes may be disposed of on site or at an approved waste disposal facility. Triple rinse (or equivalent), adding rinse water to spray tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local authorities. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at <http://www.acrecycle.org/>. Do not contaminate water, food or feed by storage or disposal.

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. If possible recover the product, otherwise dispose of in authorized landfill. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL.

## SECTION 14. TRANSPORT INFORMATION

No data available.

## SECTION 15. REGULATORY INFORMATION

This product is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

### CAUTION

Hazard to humans and domestic animals.

## SECTION 16. OTHER INFORMATION

### **Date of Preparation: 06/04/2020**

The information above is believe to be accurate and represents the best information currently available to us.

However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

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