

Safety Data Sheet

MaxxGro for CORN

SDS Number: 11197
SDS Prepared: 04/20/2016
SDS Version: 2.2
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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MaxxGro for CORN

CHEMICAL NAME: EDTA Chelated Trace Elements plus Penetrants and Translocation Aids, humectants and growth enhancement compounds

EPA REGISTRATION NUMBER: Not Regulated

Manufactured by: Coastal AgroBusiness Inc.
PO Box 856
Greenville, NC 27835
Phone: 1-800-635-1388

Emergency Telephone Numbers
Chemtrec (24 hours)
1-800-424-9300
Coastal AgroBusiness, Inc. (Weekdays – Eastern Standard Time)
1-800-635-1388

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION- Avoid contact with eyes, skin, and clothing.

This product has a very slight ammonia odor and is a clear reddish-brown liquid. Primary route of entry is skin contact.

GHS Label elements, including precautionary statements/

EMERGENCY OVERVIEW

GHS Label elements, including precautionary statements/

Precautionary Statements - Prevention

- P102 - Keep out of reach of children
- P202 - Do not handle until all safety precautions have been read and understood
- P281 - Use personal protective equipment as required
- P264 - Wash face, hands, and any exposed skin thoroughly after handling
- P270 - Do not eat, drink, or smoke when using this product
- P271 - Use only outdoors or in a well-ventilated area
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

- P308 + P311 - If exposed or concerned: Call a POISON CENTER or doctor
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P312 - Call a POISON CENTER or doctor if you feel unwell
- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.
- P305+P354+P338 - IF IN EYES: Rise cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue Rinsing.
- P330 - Rinse mouth

Precautionary Statements - Disposal

- P501 - Dispose of contents/ container to an approved waste disposal sites

Hazards not otherwise classified (HNOC)

No hazards not otherwise classified were identified.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>PEL/TLV</u>
Manganese	1.50%	7439-96-5	NOL/NOL
Zinc	1.00%	7440-66-6	NOL/NOL
Iron	2.00%	7439-89-6	NOL/NOL
Boron	0.40%	7440-42-8	NOL/NOL
Copper	0.15%	7440-50-8	NOL/NOL

4. FIRST AID MEASURES

EYES:	Immediately flush eyes with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flushing of the entire eye surface. Do not let victim rub eyes. Seek medical attention.
SKIN:	Immediately flush eyes with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flush Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.
INGESTION:	Give large amounts of water. Never induce vomiting or give anything by mouth to an unconscious person.
INHALATION:	Remove person from area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if qualified operator is available. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method):	Not Applicable
FLAMMABLE LIMITS (LFL & UFL):	Not Applicable
EXTINGUISHING MEDIA:	Dry chemical, CO ₂ , water spray or regular foam.
HAZARDOUS COMBUSTION PRODUCTS:	In case of fire, carbon oxides, nitrogen oxides, metal oxides, and ammonia may be released.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Clear fire area of unprotected personnel. Cool fire exposed containers with water. Attack from upwind. Avoid breathing vapors or dust.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Thermal decomposition may release toxic oxides of manganese or sulfur.

6. ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Soak up with absorbent and sweep, shovel, or vacuum into a suitable container for recovery or disposal. Wear protective equipment. Keep unnecessary people away. Isolate hazard area and deny entry to avoid material dispersal. Wash thoroughly after handling. Use with adequate ventilation. Control and contain.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING:	Keep container closed when not in use. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water after handling. Wash hands before breaks and at the end of work.
STORAGE:	Observe all federal, state, and local regulations when storing this product. Since emptied packages retain product residues, follow label warnings even after package is emptied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THRESHOLD LIMIT VALUE:	NOL
PERMISSIBLE EXPOSURE LIMIT:	NOL
SIGNS AND SYMPTOMS OF EXPOSURE:	Prolonged exposure may cause irritation of eyes, skin, respiratory and gastrointestinal tracts.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	Preexisting eye and skin disorders may be aggravated by prolonged exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.
PRIMARY ROUTES OF ENTRY:	Dermal
ENGINEERING CONTROLS:	Provide local exhaust ventilation system to meet published exposure limits.
RESPIRATORY PROTECTION:	The respirator selected must be based on contamination levels found in the work place and specific to the job assignment. Do not exceed the working limits of the respirator. Respirators must also be jointly approved by NIOSH-MSHA.
EYE PROTECTION:	Avoid contact with eyes. Wear full face shield or chemical splash goggles when handling. Do not wear contact lenses.
SKIN PROTECTION:	Avoid contact with skin. USDA accepted nitrile or neoprene rubber gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear reddish/brown color with a very slight ammonia odor
SPECIFIC GRAVITY: (Water=1):	0.87 at 20/20 C
VAPOR PRESSURE:	Not Applicable
VAPOR DENSITY (Air = 1):	Not Applicable
% VOLATILITY (V/V):	Not Applicable
BOILING POINT:	Not Applicable
MELTING POINT:	Not Applicable
SOLUBILITY:	Appreciable (approximately 100%)
pH:	4.0 – 6.0 A 10% solution
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
INCOMPATIBILITY:	Strong acids, bases, and oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.
HAZARDOUS POLYMERIZATION:	Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀:	No data
EYE IRRITATION:	Prolonged exposure may cause irritation.
INHALATION LC₅₀:	No data
CARCINOGENETIC POTENTIAL:	This product is not carcinogenic teratogenic or mutagenic as determined by OSHA, NTP, or IARC.
ACUTE DERMAL LD₅₀:	No data
SKIN IRRITATION/SENSITIZATION:	Prolonged exposure may cause irritation.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Place in trash or offer for recycling. Incinerate contaminated solids in accordance with local, state, and federal regulations.

Waste Disposal Methods: Do not contaminate water, food or feed by storage or disposal. Waste resulting from spills of this material are not subject to CERCLA/RCRA regulations. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable Local, State and Federal regulations.

14. TRANSPORTATION INFORMATION

D.O.T. Shipping Description: NOT REGULATED BY DOT BY HIGHWAY.
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:

NFPA

1 Health
0 Flammability
0 Reactivity

HMIS

1 Health
0 Flammability
0 Reactivity
C PPE

**SARA Hazard Notification/Reporting
SARA Title III Hazard Category:**

Immediate: N Fire: N
Delayed: N Reactive: N
Sudden Release of Pressure: N

**Reportable Quantity (RQ) under U.S.
CERCLA:**

SARA, Title III, Section 313:

Yes

SARA, Title III, Section 302:

EHS
TPQ

None
10,000 lbs

RCRA Waste Code:

Not listed

CA Proposition 65:

Not listed

16. OTHER INFORMATION

SDS STATUS:

Updated

REASON FOR CHANGE:

Updated Technical Information

PREPARED BY:

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