

SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Common Name: CM Crop Mix 422,421, 411

Chemical Description: Proprietary mixture of zinc, iron and manganese lignosulfonate.

TSCA/CAS No.: There is no specific CAS number because this product is a mixture.

Manufactured By

Custom Ag Formulators, Inc
3430 S. Willow
Fresno, CA 93725

Emergency Telephone Numbers

Emergency Telephone: (559) 435-1052

CHEMTREC (24-Hour Emergency Number): (800) 424-9300

SECTION 2. HAZARD(S) IDENTIFICATION

Signal Word: CAUTION

Response:

In Case of Fire: Media as needed to control primary source of fire.

If Swallowed: Nausea, gastric distress may result from swallowing large amounts of this material. If the person is conscious, give large amounts of water and induce vomiting. See a physician.

If on Skin or Hair: Wash with water until all material is removed. If irritation persists, see a physician.

If in Eye: Wash eye for at least 15 minutes, occasionally lifting the upper and lower lids. If irritation persists, see a physician.

If Inhaled: Inhalation may cause irritation to the respiratory tract. See a physician.

Storage:

Store in a dry cool place away from children as well as animals, food and feed products.

Disposal:

Dispose of all waste material and containers according to local, state and federal regulations.

HEALTH: 1

REACTIVITY: 5

FLAMMABILITY: 5

ENVIRONMENT: 1

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 3. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
N/A.				

SECTION 4. FIRST AID

Eyes: Flush out eyes immediately with water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical attention if irritation persists.

Skin: Wash thoroughly with water until all material is removed. Obtain medical attention if irritation persists.

Ingestion: Nausea, gastric distress may result from swallowing large amounts of this material. If the person is conscious, give large amounts of water and induce vomiting. See a physician.

Inhalation: Inhalation may cause irritation to the respiratory tract. See a physician.

SECTION 5. FIRE AND EXPLOSION HAZARDS

Unusual Fire & Explosion Hazards:	N/A.
Extinguishing Media:	Media as needed to control primary source of fire.
Special Firefighting Procedures:	Wear respirator, contain runoff.

SECTION 6. SPILLS AND LEAKS

Containment: Avoid product spillage from getting in drinking water supplies or streams.

Clean Up: Absorb inert material. Place in disposable container. Flush cleaned area with water to dilute to harmless solution.

Evacuation: N/A

SECTION 7. STORAGE AND HANDLING

Storage: Store in a cool dry place away from children as well as animals, food and feed products.

Transfer Equipment: During product transfer use a chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.

Work/Hygienic Practices: Keep out of reach of children. Abstain from contact with eyes, skin and clothing. Avoid inhalation of spray mists. After handling thoroughly wash with soap and water.

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

Eyes: Wear splash-proof safety goggles. Face shield is advised. Contact lenses should not be worn when working with this product.

Skin: Wear full length clothing and rubber gloves.

Respiratory: Avoid breathing spray mist. Inhalation may be minimized by wearing an approved respirator.

Ventilation: No TLV established but would recommend.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Brown, liquid.
Specific Gravity:	N/A.
Odor:	N/A.
pH:	N/A.
Vapor Pressure:	N/A.
Vapor Density (Air=1):	N/A.
Boiling Point:	>572°F.
Freezing Point:	N/A.
Water Solubility:	Soluble.
Density:	10.69 lbs/gal.
Evaporation Rate:	N/A.
Viscosity:	N/A.
% Volatile:	N/A.
Octanol/Water Partition Coefficient:	N/A.
Saturated Vapor Concentration:	N/A.
Flash Point:	Non-Flammable.
Upper Explosive Limit:	N/A.
Lower Explosive Limit:	N/A.

SECTION 10. STABILITY AND REACTIVITY

Stable:	Yes.
Avoid:	Highly alkaline materials, oxidizers, peroxide.
Incompatibility:	N/A.
Hazardous Decomposition Products:	N/A.
Hazardous Polymerization:	N/A.

SECTION 11. POTENTIAL HEALTH EFFECTS

Acute Effects:

Eyes:	Contact with eyes may cause irritation.
Skin:	N/A.
Ingestion:	May result in irritation, burns, nausea and vomiting.
Inhalation:	May cause irritation of nose, throat and upper respiratory tract.

Subchronic Effects: N/A.

Chronic Effects: None noted.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition:	N/A.
Toxicity to Fish and Invertebrates:	N/A.
Toxicity to Plants:	N/A.
Toxicity in Birds:	N/A.

SECTION 13. DISPOSAL

Dispose of waste materials and containers according to local, state and federal regulations.

SECTION 14. TRANSPORTATION

D.O.T.:	Not D.O.T. Regulated.
Other Shipping Description:	Ag Adjuvant, Liquid. NMFC Item 42652, Class 60

SECTION 15. REGULATORY INFORMATION

CERCLA: N/A

SARA TITLE III, Section 313 Toxic Chemicals: N/A

PROPOSITION 65 (CA): Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16. OTHER

The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.