Safety Data Sheet

1. Identification

Product Name : AgZyme Micronutrient Spray (NZ)
Synonyms : None
Product Use : Ready to use Fertilizer
Manufacturer/Supplier : Ag Concepts Corp
Address : 439 E Shore Dr. Eagle, ID 83616
General Information : 208-388-1131
Transportation Emergency Number United States: 888-388-1131

New Zealand Distributor
Distributor: GROlogic Ltd
Address : 116 Margaret Ave, Havelock North, Hawkes Bay
General Information : 021 940 303
Transportation Emergency Number: 021 940 303

2. Hazard Identification

Signal Word : No Signal Word
Skin Irritation: Non Irritating
Eye Irritation : Non Irritating
Acute Toxicity Oral : Not hazardous by ingestion
Acite Toxicity Dermal : Not hazardous by skin absorption
Hazard Categories : None
Hazard Statement : This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
Precautionary Statements : **P264** - Wash skin thoroughly after handling
P281 - Use personal protective equipment as required.
P301 + P312 - If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell
P302 + P352 - If on skin: Wash with plenty of soap and water
P305+P351+P338- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses
P314 -Get medical advice/attention if you feel unwel
P340 -Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P362 -Take off contaminated clothing and wash before reuse.
P410 - Protect from sunlight

3. Composition/Information on Ingredients

Component	CAS Number	Weight %
Sodium Octaborate:	12280-03-4	<0.1%
Cobalt Sulfate:	10026-14-1	<0.1%
Copper EDTA:	67989-88-2	<1%
Iron HEDTA:	17084-02-5	2 - <5%
Manganese EDTA:	15375-84-5	1 - <2%
Sodium Molybdate:	10102-40-6	<0.1%
Zinc EDTA:	67859-51-2	<1%

NOTE: The chelating agent is EDTA (ethyleneduaminetetraaceic acd) and HEDTA (hyroxyethylenediaminetetraacetic acid).

4. First Aid Measure

Eye : Rinse continually with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing the eye. Call posion control center or doctor for further treatment

Skin : Take off contaminated clothing. Rinse skin immediatley with plenty of water for 15 to 20 minutes. Call posion control center or doctor for further treatment advice.

Inhalation : Move person to fresh air. Call posion control center or doctor for further treatment advice if you feel unwell.

Indication of Immediate Medical Attention and Special Treatment Needed Treat symptomatically

5. Fire Fighting Measures

Extinguishing Media : Non-combustible liquid. Use extinguishing media suitable for underlying cause of fire.

Specific Hazards Arising from the Chemical : No additional information available

Special Fire Fight Proc : Evacuate nonessential personnel. Wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers exposed to fire.

6. Accidental Release Measures

Personal Precautions : Keep unprotected and unnecessary personnel out of spill area
Protective Equipment : Equip cleanup crew with proper protection
Emergency Procedures : Contain spill. Do not allow spilled product to contaminate water supplies, lakes, streams, ponds, or drains.
Methods and Materials for Containment and Cleanup: Collect spilled liquid and reuse, if uncontaminated. If contaminated, cover with inert absorbent material, collect and place in suitable containers for proper disposal.

7. Handling and Storage

Precautions for Safe Handling : Keep containers closed when not in use. Do not eat, drink, or smoke when using this product.
Conditions for Safe Storage : Keep out of reach of children. This product may freeze at temperatures less than 32 degrees F. Thawing occurs readily at temperatures greater than 32 degrees F. Do not store at temperatures greater than 110 Degrees F. Do not store in direct sunlight.

8. Exposure Controls/Personal Protection

TLV/PEL : Not established for mixture
Appropriate Engineering Controls : Local exhaust is suffcient
Personal Protective Equipment : Use personal protective equipment as required. Do not eat, drink or smoke during use.

9. Physical and Chemical Properties

Physical State: Liquid
Apperance: Clear green liquid, slight yeast odor
Flash Point, °F: Not flammable
Boiling Point, °F: >212 Degrees F
Melting Point (Freezing Point), °F : <32 Degrees F
Vapor Pressure, mm Hg @ 20 °C : Not established
Vapor Density : Not established
Solubility in Water : Dissolves
Molecular Formula : Not applicable, formulated mixture
Density, g/mL @ 25 °C : 0.994 to 1.006
pH : 2.5 to 4
Flammable Limits : No information found
Auto-Ignition Temperature : Not applicable
Decomposition Temperature : Not established

10. Stability and Reactivity

Reactivity : Normally Stable
Chemial Stability : Stable
Hazardous Decomposition Products : May emit oxides of carbon under fire conditions
Hazardous Polymerization : Will not occur
Conditions to Avoid : Avoid direct sunlight and temperatures below 32°F and above 110°F.
Incompatible Materials : None known

11. Toxicology Information

Acute Toxicity (Oral LD50) : Not established for mixture
Acute Toxicity (Dermal LD50) : Not established for mixture
Acute Toxicity (Inhalation LD50) : Not established for mixture
Skin Sensitizaton : Not established for mixture
Carcinogenic : Not established for mixture
Chronic Effects : Not established for mixture
Other Hazards : None currently known

Ingredient - Sodium Octaborate (12280-03-4):
LD50/oral/rat: 2,550 mg/kg
LD50/dermal/rabbit: 2,000 mg/kg
LC50/inhalation/rat: >2.0 mg/l (or g/m3)
Reproductive Toxicity: Rats, Male, NOAEL = 100 mg boric acid /kg bw, equivalent to 17.5 mg B/kg bw
Rats, Female, NOAEL = 55 mg boric acid/kg bw, equivalent to 9.6 mg B/kg bw - Category 2
STOT -SE : Mouse/Inhalation - 1,704 mg/m3- moderate irritant
STOT -RE : Rats, Male, NOAEL = 100 mg boric acid /kg bw, equivalent to 17.5 mg B/kg bw

Ingredient - Cobalt Sulfate (10026-14-1):
LD50/oral/rat: 582mg/kg

Ingredient - Ferric HEDTA (17084-02-5) :
LD50/oral/rat: >2,000 mg/kg (96h)
LD50/oral/rabbit: 8000 mg/kg estimated
LD50/oral/mouse: 12400 mg/kg estimated
Skin Corrosion/irritation Causes skin irritation (Cat 2)
Serious eye damage/irritation: Causes serious eye irritation (Cat 2A)

Ingredient - Cobalt Sulfate (10026-14-1):

LD50/oral/rat: 2,733 - 6,556 mg/kg bw
LD50/dermal/rat: >2,000 mg/kg bw
LC50/inhalation/rat (4h): >1.93 mg/l (or g/m3)

12. Ecological Information

Ecotoxicity : Not established for mixture
Persistence and Degradability : Not established for mixture
Bioaccumulative Potential : Not established for mixture
Mobility in Soil : Not established for mixture
Other Adverse Effects : Not established for mixture

Ingredient - Cobalt Sulfate(10026-14-1) :

LC50 Fish 1 62,300 mg/l (96h; estimated)

Ingredient - Diammonium Zinc EDTA(67859-51-2) :

LC50 Fish 1 62,300 mg/l (96h; estimated)

13. Disposal Considerations

Waste Disposal Method : Dispose in a safe manner in accordance with local/national regualtions.

14. Transportation Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found.
Transport in Bulk : No information found.
Special Precautions for Transportation : No information found.
Freight Classification : Class 60

15. Regulatory Information

National Fire Protection Association Rating : Health: 0, Fire: 0, Reactivity: 0

16. Other Information

Other Information : None

Date of preparation / last revision : 13 February 2026

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