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HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PPE	D

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER:	OM Micros	Product # 824
GENERAL USE:	Used as a part of a plant nutrition program.	
PRODUCT DESCRIPTION:	A hazy greenish brown liquid having a unique characteristic odor.	
SUPPLIER INFORMATION:	Huma, Inc. 1331 W Houston Avenue Gilbert, AZ 85233	EMERGENCY PHONE NUMBERS
For Additional SDS call: (480) 961-1220	PHONE: (480) 961-1220	CHEMTREC: (In the USA) 800-424-9300 (International) 703-527-3887

SECTION 2: HAZARDS IDENTIFICATION

HAZARDS OVERVIEW:

A hazy greenish brown, acidic liquid having a unique characteristic odor. The liquid and mists may be irritating to the eyes and skin. Inhalation of mists may be irritating to the entire respiratory tract. Ingestion of this product may cause gastrointestinal irritation, cardiovascular and central nervous system effects.



CLASSIFICATION: SKIN CORROSION – CATEGORY 1A

SIGNAL WORD: DANGER

HAZARD STATEMENT: H314; causes severe skin burns and eye damage

PRECAUTIONARY STATEMENT: P260; Do not breathe dusts/mist/vapors. P280; Wear protective gloves/protective clothing/eye protection/face protection P264; Wash hands thoroughly after handling

CLASSIFICATION: HAZARD CATEGORY 5 - MAY BE HARMFUL IF SWALLOWED

SIGNAL WORD: WARNING

HAZARD STATEMENT: H303 - WARNING – may be harmful if swallowed.

PRECAUTIONARY STATEMENT: P301+P317—If swallowed, get emergency medical help.

SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

COMPONENT	CAS #	OSHA HAZARD	WT %	ACGIH		OSHA	
				TLV _(TWA)	STEL	PEL _(TWA)	STEL
Ferrous Sulfate Heptahydrate	7782-63-0	Eye Corrosive; Skin, & Respiratory Irritant; Moderately Toxic by Ingestion	19.5 ± 2	1 mg/m ³ (as Fe)	None	None	None
Manganese Sulfate Monohydrate	10034-96-5	Eye, Skin & Respiratory Irritant; Central Nervous System toxin; Moderately Toxic by Ingestion	6.0 ± 1	0.2 mg/m ³ Proposed: 0.02 mg/m ³ Respirable fraction	None	None	None
Zinc Sulfate Monohydrate	7446-19-7	Eye, Skin & Respiratory Irritant; Cardiovascular, ; Blood & Central Nervous System toxin	3.0 ± 0.5	None	None	None	None
Boric Acid	10043-35-3	Eye, Skin & Respiratory Irritant; Toxic by Ingestion; Kidney, Gastrointestinal & Central Nervous Systems toxin	2.0 ± 0.5	2 mg/m ³ Inhalable Fraction	6 mg/m ³ Inhalable Fraction	None	None
Copper Sulfate Pentahydrate	7758-99-8	Strong Eye Irritant; Skin & Respiratory Irritant; Blood, Liver & Kidney toxin	0.7 ± 0.05	1 mg/m ³ (Dusts & Mists as Cu)	None	None	None

SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS (Continued from Page 1)

Disodium Molybdate Dihydrate	10102-40-6	Moderate Eye Irritant; Slight Skin & Respiratory Irritant; May be Toxic by Ingestion or Inhalation	0.4± 0.05	0.5 mg/m ³ (as Mo) Respirable Fraction (A3)	None	5 mg/m ³ (as Mo)	None
Citric Acid Anhydrous	77-92-9	Severe Eye Irritant; Moderate to Severe Skin & Respiratory Irritant	1.6 ± 0.5	None	None	None	None

NDA = No Data Available

N/A = Not Applicable

SECTION 4: FIRST AID MEASURES

INHALATION:	If inhaled, immediately move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.
EYE CONTACT:	In case of contact, immediately flush eyes with plenty of clean running water for at least 15 minutes, lifting the upper and lower lids occasionally. Remove contact lenses, if worn. Get medical attention if irritation persists.
SKIN CONTACT:	In case of contact, flush skin with plenty of clean running water. Remove contaminated clothing and shoes and wash before reuse. If irritation occurs and persists, get medical attention.
INGESTION:	If large quantities of this product are swallowed, call a physician immediately. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
NOTE TO PHYSICIANS:	Based on component information, this product is slightly toxic by ingestion. If a large amount is ingested, consideration should be given to careful endoscopy as stomach or esophageal irritation may occur, with possible central nervous system effects following absorption into the blood stream. Careful gastric lavage with an endotracheal tube in place should be considered. Treat exposure symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Flashpoint and Method:	This product does not flash.		
Flammable Limits (in air, % by volume)	Lower: Not applicable	Upper: Not applicable	
Autoignition Temperature:	Not applicable		
GENERAL HAZARD:	This product is an aqueous, acidic solution of organic and inorganic compounds. The Uniform Fire Code health hazard classification for this product is: Irritant . It may produce hazardous decomposition products.		
FIRE FIGHTING INSTRUCTIONS:	EXTINGUISHING MEDIA: Water, foam, CO ₂ or dry chemicals. Use a water spray or fog to cool the containers exposed to the heat of a fire.		
FIRE FIGHTING EQUIPMENT:	Fire fighters should wear full protective equipment, including self-contained breathing apparatus.		
HAZARDOUS COMBUSTION PRODUCTS:	When heated to dryness and decomposition, it emits toxic Ammonia gas, carbon monoxide, carbon dioxide, phosphorus oxides, nitrogen oxides, sulfur oxides and magnesium, calcium, zinc, copper and sodium.		

SECTION 6: ACCIDENTAL RELEASE MEASURES

RELEASE TO LAND:	Wearing recommended protective equipment and clothing, dike the spill and pick up the bulk of liquid using pumps or a vacuum truck, or absorb the liquid in sand or a commercially absorbent material. Place in approved containers for recovery, disposal, or satellite accumulation. Neutralize the acidity, of the remaining liquid, using sodium bicarbonate, limestone, or other agent appropriate for neutralizing acidic liquids, that will not release Ammonia gas. Flush the spill area with water; collect the rinsates for disposal or sewer, as appropriate.
RELEASE TO WATER:	Wear recommended protective equipment and clothing if contact with hazardous material can occur. Stop or divert water flow. Dike contaminated water and remove for disposal and/or treatment. As appropriate, notify all downstream users of possible contamination.

SECTION 7: HANDLING AND STORAGE

STORAGE TEMPERATURE: Ambient

STORAGE PRESSURE: Ambient

GENERAL: Store in a cool, dry, well-ventilated area away from incompatible materials and products. Do not store this product below 50° F (10° C) or above 90° F (30° C). Do not get this product in eyes, on skin or on clothing. Wear recommended personnel protective equipment when handling this product. Do not breathe mists, vapors, fumes or aerosols. Use only with adequate ventilation. Do not take internally. Keep the container tightly closed when not in use. Wash thoroughly after handling this product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL MEASURES: Use a local or general, mechanical exhaust ventilation system capable of maintaining emissions, in the work area, below the OSHA-PEL, ACGIH-TLV or levels that may cause irritation.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR: Respiratory protection is not normally required. If use produces mists that may cause irritation, a NIOSH approved half mask or full facepiece respirator equipped with a good mist / particulate cartridge or supplied air is recommended. **Note:** Always consult the respirator manufacturer's data when determining the suitability of respiratory protective devices prior to use.

EYES: Wear chemical goggles (recommended by ANSI Z87.1-1979), unless a full facepiece respirator is worn. **Note:** Always consult the protective eyewear manufacturer's data when determining the suitability of protective eyewear prior to use.

GLOVES: Wear Neoprene, Nitrile, Butyl Rubber, or Natural Rubber gloves. **Note:** Always consult the glove manufacturer's permeation data when determining the suitability of gloves prior to use.

CLOTHING & EQUIPMENT: If contact is likely, wear a Neoprene, Nitrile, Butyl Rubber, or Natural Rubber apron when handling this product. An eye wash station and safety shower should be available in the work area. **Note:** Always consult the clothing/equipment manufacturer's permeation data when determining the suitability of clothing/equipment prior to use.

FOOTWEAR: Wear Neoprene, Nitrile, Butyl Rubber or Natural Rubber boots. **Note:** Always consult the footwear manufacturer's permeation data when determining the suitability of footwear prior to use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Hazy Greenish brown	Bulk Density (pounds/ft³):	Not applicable
Physical State:	Liquid	Vapor Pressure:	No data available
Odor:	Unique, characteristic	Vapor Density (air=1):	No data available
Odor Threshold:	No data available	Evaporation Rate (n-Butyl Acetate=1):	No data available
Molecular Formula:	Mixture	VOC Content / Organic Matter:	No data available / 1.0%
Molecular Weight:	Not applicable	% Volatile:	No data available
Boiling Point:	Greater than 100° C. (212° F.)	Solubility in H₂O:	Soluble
Freezing/Melting Point:	Less than 0° C. (32° F.)	Octanol/Water Partition Coefficient:	No data available
Specific Gravity:	1.25 @ 20° C.	pH (as is):	1.0 - 2.0
Density (pounds/gallon):	Approximately 10.43	pH (1% solution):	No data available

SECTION 10: STABILITY AND REACTIVITY

GENERAL: This product is stable and hazardous polymerization will not occur.

CONDITIONS TO AVOID: Do not store this product below 50° F (10° C) or above 90° F (30° C)

INCOMPATIBLE MATERIAL: Oxidizers, caustics & strong alkali, cyanides, sulfides, sulfites, chlorine releasers, Aluminum, Magnesium, Zinc and alloys of these metals.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to dryness and decomposition, it emits toxic Ammonia gas with toxic oxides of carbon, phosphorus, nitrogen, sulfur and potassium with trace or ultra-trace toxic oxide amounts, of, iron, manganese, magnesium, calcium, zinc, copper and sodium plus irritating smoke.

SENSITIVITY TO MECHANICAL IMPACT: This product is not sensitive to mechanical impact.

SENSITIVITY TO STATIC DISCHARGE: This product is not sensitive to static discharge.

SECTION 11: TOXICOLOGICAL INFORMATION

Components:	<u>Ferrous Sulfate Heptahydrate</u>	<u>Manganese Sulfate Monohydrate</u>	<u>Zinc Sulfate Monohydrate</u>
Eye Contact:	No data available	No data available	Rabbit: 420 ug; Moderate
Skin Contact:	No data available	No data available	No data available
Oral Rat LD₅₀:	319 mg/kg	2,150 mg/kg	1,710 mg/kg
Dermal Rabbit LD₅₀:	No data available	No data available	No data available (Subcutaneous LD ₅₀ : 300 mg/kg)
Inhalation Rat LC₅₀:	No data available	No data available	No data available
Human Data:	Oral Woman TD _{Lo} : 10,560 ug/kg; Gastrointestinal effects	No data available	Oral Human TD _{Lo} : 45 mg/kg/7 Days; Cardiac & Blood Effects
Other Toxicological Data:	Oral Mouse LD ₅₀ : 680 mg/kg	Oral Mouse LD ₅₀ : 2,330 mg/kg	Subcutaneous Rat LD ₅₀ : 330 mg/kg
Carcinogenicity:	Subcutaneous Mouse TD _{Lo} : 1,600 mg/kg/16 Weeks; Equivocal Tumorigenic Agent, Tumors at application site	Intraperitoneal Mouse TD _{Lo} : 660 mg/kg/8 Weeks; Tumorigenic – Neoplastic by RTECS criteria	Subcutaneous Rabbit LD _{Lo} : 3,625 ug/kg/5 Days – Tumorigenic – Tumors at site of application
Teratogenicity:	Oral Rat TD _{Lo} : 7,200 mg/kg (9-14 Days pregnant); Effects on Embryo or Fetus – Fetal death	Intraperitoneal Mouse TD _{Lo} : 34,356 ug/kg; (female 10 Days pregnant) Post-implantation mortality	Oral Rat TD _{Lo} : 333 mg/kg (female 1-18 Days pregnant) Effects on fertility – Post implantation mortality
Mutagenicity:	Cytogenetic Analysis – Hamster, Ovary:	Bacteria B Subtilis DNA Repair: 50	Human DNA Inhibition, HeLa cell: 1
Synergistic Products:	None reported	None reported	None reported
Target Organs:	Eyes, Skin, Lungs, Liver, Gastrointestinal tract & Lymphatic System	Eyes, Skin, Lungs & Central Nervous Systems	Eyes, Skin, Lungs, Blood, Cardiovascular & Central Nervous Systems
Medical Conditions Aggravated By Exposure:	Skin, Liver or Respiratory disorders	Skin or Respiratory disorders	Skin, Respiratory or Heart disorders
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Components:	<u>Boric Acid</u>	<u>Copper Sulfate Pentahydrate</u>	<u>Disodium Molybdate, Dihydrate</u>
Eye Contact:	No data available	No data available	Rabbit: Mild Irritant
Skin Contact:	Human Standard Draize Test: 15 mg/3 Days ; Mild	No data available	Rabbit: Not an Irritant
Oral Rat LD₅₀:	2,660 mg/kg	300 mg/kg	2,810 mg/kg
Dermal Rabbit LD₅₀:	No data available (Dermal Infant TD _{Lo} : 1,200 mg/kg)	No data available (Dermal Rat Subcutaneous LD ₅₀ : 43 mg/kg)	No data available
Inhalation Rat LC₅₀:	28 mg/m ³ /4 hours	No data available	No data available
Human Data:	Oral Woman LD _{Lo} : 200 mg/kg	Oral Human TD _{Lo} : 11 mg/kg; Toxic Effects: Gastrointestinal – Gastritis, Hypermotility, diarrhea, nausea or vomiting	No data available
Other Toxicological Data:	Oral Child TD _{Lo} : 500 mg/kg; Gastrointestinal Effects: Nausea or vomiting	Oral Child TD _{Lo} : 150 mg/kg; Toxic Effects: Kidney, Ureter and Bladder – Changes in tubules (acute renal failure)	Intraperitoneal Mouse LD ₅₀ : 257 mg/kg
Carcinogenicity:	No data available	Parenteral Chicken TD _{Lo} : 10 mg/kg; Equivocal tumorigenic agent by RTECS criteria; Endocrine – Tumors	No data available
Teratogenicity:	Oral Rat TD _{Lo} : 6,600 mg/kg (female 1 – 21 Days pregnant); Effects on Embryo or Fetus – Fetotoxicity; Specific Developmental Abnormalities – Musculoskeletal system	Intratesticular Rat TD _{Lo} : 3,192 ug/kg (male 1 Day prior to mating); Paternal Effects – Spermatogenesis, epididymis	Intravenous Mouse TD _{Lo} : 968 mg/kg (8 Day pregnant)
Mutagenicity:	Bacteria – E Coli Mutations in Microorganisms: 17,000 ppm/24 hours (-S9)	Rat DNA Damage; Ascites tumor: 500 umol/Liter; (Rat DNA Damage; liver: 1 mmol/Liter)	No data available
Synergistic Products:	None reported	None reported	None reported
Target Organs:	Eyes, Skin, Lungs, Kidneys, Gastrointestinal & Central Nervous Systems	Eyes, Skin, Mucous membranes, Lungs, Liver, Kidneys & Blood	Eyes, Skin & Mucous membranes
Medical Conditions Aggravated By Exposure:	Skin, Respiratory, Kidney or Gastrointestinal disorders	Wilson's Disease, Skin, Liver, Kidney & Respiratory disorders	Skin or Respiratory disorders

SECTION 11: TOXICOLOGICAL INFORMATION (Continued from Page 4)

Components:	Citric Acid Anhydrous
Eye Contact:	Rabbit: 750 ug/24 Hours; Severe
Skin Contact:	Rabbit: 500 mg/24 Hours; Moderate
Oral Rat LD₅₀:	3 gm/kg
Dermal Rabbit LD₅₀:	No data available
Inhalation Rat LC₅₀:	No data available
Human Data:	No data available
Other Toxicological Data:	Intravenous Mouse LD ₅₀ : 42 mg/kg
Carcinogenicity:	No data available
Teratogenicity:	No data available
Mutagenicity:	No data available
Synergistic Products:	None reported
Target Organs:	Eyes, Skin, Mucous membranes, Lungs & Teeth
Medical Conditions Aggravated By Exposure:	Skin or Respiratory disorders

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

This product is soluble in water and can affect the pH of water. No specific environmental fate data is available.

ENVIRONMENTAL CONSIDERATIONS:

The aquatic toxicity for this product has not been determined.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: Corrosive

U.S. EPA WASTE NUMBER/DESCRIPTION: D002

If this product is disposed of as shipped, it meets the criteria of a hazardous waste as defined under 40 CFR 261 due to its corrosivity. If this product becomes a waste, it will be a hazardous waste which is subject to the Land Disposal Restrictions under 40 CFR 268 and must be managed accordingly. As a hazardous liquid waste, it must be disposed of in accordance with local, state, and federal regulations in a permitted hazardous waste treatment, storage, and disposal facility.

SECTION 14: TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:	Corrosive Liquid, n.o.s. (Contains Boric Acid)		
	Hazard Class: 8	UN Number: UN1760	Packing Group: III
	Primary Label: Corrosive	Subsidiary Label(s): None Required	
	Primary/Subsidiary Placards: Corrosive		
DOT Reportable Quantity (RQ):	Not listed	RQ for Product: Not applicable	
Marine Pollutant:	No		
2012 North American Emergency Response Guidebook No.:	154		
TDG PROPER SHIPPING NAME:	Corrosive Liquid, n.o.s. (Contains Boric Acid)		
	Hazard Class: 8	UN Number: UN1760	Packing Group: III
	Primary Label: Corrosive	Subsidiary Label(s): None Required	
	Primary/Subsidiary Placards: Corrosive		
TDG Reportable Quantity (RQ): *	Not applicable		
TDG Schedule XII:	Not applicable		
Regulated Limit (RL): **	Not listed	RL for Product: Not applicable	
Other Shipping Information:	None		

* Canadian Transportation of Dangerous Goods Regulations (TDGR), Part IX, Table I, Quantities or levels for Immediate Reporting: releases of reportable quantities, RQ, that meet the definition of a "dangerous occurrence" (a threat to life, health, property, or the environment) must be reported to the appropriate authorities as outlined in TDGR 9.13(1) and 9.14(1). ** Reporting to Environment Canada is required for any releases exceeding the regulated limits, RL, of 9.2 materials (primary or secondary). The regulated limits are found in Schedule XIII of the TDGR.

SECTION 15: REGULATORY INFORMATION

COMPONENTS:	<u>Ferrous Sulfate Heptahydrate</u>	<u>Manganese Sulfate Monohydrate</u>	<u>Zinc Sulfate Monohydrate</u>	<u>Boric Acid</u>
<u>OSHA Target Organs:</u>	Eyes, Skin, Lungs, Liver, Gastrointestinal Systems & Lymphatic	Eyes, Skin, Lungs & Central Nervous Systems	Eyes, Skin, Lungs, Cardiovascular, Blood & Central Nervous Systems	Eyes, Skin, Lungs, Kidneys, Gastrointestinal & Central Nervous Systems
<u>Carcinogenic Potential:</u>				
Regulated by OSHA:	No	No	No	No
Listed on NTP Report:	No	No	No	No
Listed by IARC:	No	No	No	No
IARC Group:	Not applicable	Not applicable	Not applicable	Not applicable
ACGIH Appendix A:	Not listed	Not listed	Not listed	Not listed
A1 Confirmed Human:	Not applicable	Not applicable	Not applicable	Not applicable
A2 Suspected Human:	Not applicable	Not applicable	Not applicable	Not applicable

U.S. EPA Requirements

Release Reporting

CERCLA (40 CFR 302)

Listed Substance:	Yes	Yes (Manganese Compounds)	Yes	Not listed
Reportable Quantity:	1,000 pounds	1 pound	1,000 pounds	Not applicable
Category:	C	Not listed	C	Not applicable
RCRA Waste No.:	None listed	Not listed	None listed	Not applicable
Unlisted Substance:	Not applicable	Not applicable	Not applicable	Not applicable
Reportable Quantity:	Not applicable	Not applicable	Not applicable	Not applicable
Characteristic:	Not applicable	Not applicable	Not applicable	Not applicable
RCRA Waste No.:	Not applicable	Not applicable	Not applicable	Not applicable

SARA TITLE III

Section 302 & 303 (40 CFR 355):

Listed Substance:	Not listed	Not listed	Not listed	Not listed
Reportable Quantity:	Not applicable	Not applicable	Not applicable	Not applicable
Planning Threshold:	Not applicable	Not applicable	Not applicable	Not applicable

Section 311 & 312 (40 CFR 370):

Hazard Categories (product):	Fire: <u>N</u>	Sudden Release of Pressure: <u>N</u>	Reactive: <u>N</u>	Acute Health: <u>Y</u>	Chronic Health: <u>N</u>
Planning threshold:	10,000 pounds	10,000 pounds	10,000 pounds		10,000 pounds

Section 313 (40 CFR 372):

Listed Toxic Chemical:	Not listed	Yes (Manganese Category)	Yes (Zinc Category)	Not listed
Reporting Threshold:	Not applicable	10,000 pounds	10,000 pounds	Not applicable

U.S. TSCA Status

Listed (40 CFR 710):	Yes	Yes	Yes	Yes
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State Regulations

State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):

Carcinogen:	No	No	No	No
Reproductive Toxin:	No	No	No	Possible

Other Regulations

State Right To Know Laws:	MA, NJ, PA	None known	None known	None known
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SECTION 15: REGULATORY INFORMATION (Continued from Page #6)

COMPONENTS:	<u>Copper Sulfate Pentahydrate</u>	<u>Disodium Molybdate, Dihydrate</u>	<u>Citric Acid Anhydrous</u>
OSHA Target Organs:	Eyes, Skin, Mucous membranes, Lungs, Liver, Kidneys & Blood	Eyes, Skin & Mucous membranes	Eyes, Skin, Mucous membranes, Lungs & Teeth
Carcinogenic Potential:			
Regulated by OSHA:	No	No	No
Listed on NTP Report:	No	No	No
Listed by IARC:	No	No	No
IARC Group:	Not applicable	Not applicable	Not applicable
ACGIH Appendix A:	Not listed	Not listed	Not listed
A1 Confirmed Human:	Not applicable	Not applicable	Not applicable
A2 Suspected Human:	Not applicable	Not applicable	Not applicable

U.S. EPA Requirements

Release Reporting

CERCLA (40 CFR 302)

Listed Substance:	Yes	Not listed	Not listed
Reportable Quantity:	10 pounds (Anhydrous)	Not applicable	Not applicable
Category:	A	Not applicable	Not applicable
RCRA Waste No.:	Not listed	Not applicable	Not applicable
Unlisted Substance:	Not applicable	Not applicable	Yes
Reportable Quantity:	Not applicable	Not applicable	100 pounds
Characteristic:	Not applicable	Not applicable	Corrosivity
RCRA Waste No.:	Not applicable	Not applicable	D002

SARA TITLE III

Section 302 & 303 (40 CFR 355):

Listed Substance:	Not listed	Not listed	Not listed
Reportable Quantity:	Not applicable	Not applicable	Not applicable
Planning Threshold:	Not applicable	Not applicable	Not applicable

Section 311 & 312 (40 CFR 370):

Hazard Categories (product):	Fire: N	Sudden Release of Pressure: N	Reactive: N	Acute Health: Y	Chronic Health: N
Planning threshold:	10,000 pounds	10,000 pounds	10,000 pounds		

Section 313 (40 CFR 372):

Listed Toxic Chemical:	Yes (Copper Category)	Not listed	Not listed
Reporting Threshold:	10,000 pounds	Not applicable	Not applicable

U.S. TSCA Status

Listed (40 CFR 710):	Yes	Yes	Yes
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State Regulations

State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):

Carcinogen:	No	No	No
Reproductive Toxin:	No	No	No

Other Regulations

State Right To Know Laws:	MA, NJ, PA	None Known	MA, NJ, PA
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COMPONENTS:	<u>Ferrous Sulfate</u>	<u>Manganese Sulfate</u>	<u>Zinc Sulfate</u>	<u>Boric Acid</u>	<u>Copper Sulfate</u>	<u>Disodium Molybdate, Dihydrate</u>	<u>Citric Acid Anhydrous</u>
Canadian Regulations							
Product Information:							
Controlled Product:	Yes						
WHMIS Hazard Symbols:	Material Causing Other Toxic Effects						
WHMIS Class & Division:	D.2B						
Ingredient Information:							
IDL Substance:	No	Yes	No	Yes	Yes	Yes	Yes
DSL or NDSL Lists:	DSL	DSL	DSL	DSL	DSL	DSL	DSL

SECTION 16: OTHER INFORMATION

EPA Registration number: Not applicable

Approved Product Uses: Used as part of a plant nutrition program.

Special Notes:

This product is not manufactured, or formulated to contain substances, which the State of California has found to cause cancer and/or birth defects or other reproductive harm.

Special Instructions: Store OM Micros in a cool, dry, well ventilated, area away from incompatible materials and products.

SDS Revision Information: Revised Date: 8/22/2023

SDS Distributed by: Huma, Inc.

Prepared By: Anna Carpenter

Date Prepared:

December 28 th 2017

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