

SAFETY DATA SHEET

MicroManganese

According to OSHA HCS (29 CFR § 1910.1200(g)) as Published in the Federal Register / Vol. 77, No. 58 / March 26, 2012

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:

Product Name: MicroManganese
Product Use: Bulk Agricultural Fertilizer
Identification: Manganese 6%

Manufacturer Information:

West Coast Ag Products
P.O. Box 1246
Ukiah, CA 95482

Phone: +1 (707) 972-5650
Email: helpdesk@wca.farm
Website: <https://www.westcoastag.farm>
Emergency Contact: +1 (707) 972-5650 or call 911.

2 HAZARDS IDENTIFICATION

Hazard Classification: This chemical is considered to be hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Signal Word: WARNING

Hazard Statements: Harmful if swallowed. Can cause skin irritation. Can cause serious eye irritation.

Pictograms:



Precautionary Statements: Keep out of reach of children. Do not taste or swallow. Call poison control physician if swallowed. Avoid inhaling vapor, mist or fumes. Wash hands thoroughly after handling product.

Hazards Not Otherwise Classified: Direct contact with eye may cause irritation.

3 COMPOSITION / INFORMATION ON INGREDIENTS

	<u>Ingredients</u>	<u>CAS#</u>	<u>Percentages</u>
Active:	Manganese Sulfate Monohydrate	10034-96-5	5%
	Proprietary Blend	N/A	95%
	Total Ingredients:		100%

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FIRST-AID MEASURES

- Inhalation:** Remove to fresh air. If irritation persists, seek medical attention.
- Eye Contact:** Remove contact lenses if present. Rinse cautiously with water. Repeat as necessary. Seek medical attention if irritation occurs or persists.
- Skin Contact:** Wash thoroughly with water and soap, remove all contaminated clothing. Seek medical attention if irritation occurs or persists.
- Ingestion:** Contact poison control/doctor if vomiting, diarrhea or general upset stomach occur. Seek medical attention if irritation occurs or persists.

**If experiencing any irritation, please seek medical attention.*

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FIRE-FIGHTING MEASURES

- Extinguishing Media:** Use extinguishing media suitable for fire and surroundings, such as CO₂, water, or foam.
- Special Firefighting Precautions:** Wear a self-contained breathing apparatus and full protective clothing.

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ACCIDENTAL RELEASE MEASURES

- Cleanup Procedures:** Recommend wearing protective equipment and clothing during clean-up. Contain matter with dry earth or sand and shovel material into waste container. Thoroughly wash the area after a spill or leak. Keep spill cleanup rinse away from storm drains, sewers, soil or groundwater.

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HANDLING AND STORAGE

- Precautions for Safe Handling:** Wear appropriate PPE when handling this material. Wear eye and skin protection. Do not eat, drink or smoke during use. Wash hands and PPE thoroughly after use.
- Storage Recommendations:** Store within 32°F to 120°F.

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EXPOSURE CONTROLS / PERSONAL PROTECTION

There are no available OSHA Permissible Exposure Limits ("PELs"), American Conference of Governmental Industrial Hygienists ("ACGIH") Threshold Limit Values ("TLVs") or any other exposure limits used or recommended for this mixture.

- Appropriate Engineering Controls:** Provide adequate exhaust ventilation. Minimize the risk of inhalation of vapors and sprays. Provide eyewash station and safety shower.
- Personal Protection:** Eye protection and gloves recommended. In case of inadequate ventilation or risk of inhalation, use suitable respiratory equipment.

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PHYSICAL AND CHEMICAL PROPERTIES

Color:	Light Pink	Solubility:	Not Determined
Odor:	Not Available	Vapor Density:	Not Determined
Physical State:	Liquid	Evaporation Rate:	Not Determined
pH:	1.5 - 1.7	Boiling Point:	212°F
Specific Gravity:	Not Determined		

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STABILITY AND REACTIVITY

Reactivity: When combined with phosphate in liquid solution, and/or other agricultural products, can cause chemical reaction and drop out.

Chemical Stability: Stable under normal temperature and conditions.

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TOXICOLOGICAL INFORMATION

Acute Effects:

Eyes:	Can cause skin irritation.
Skin:	Can cause skin irritation.
Ingestion:	Harmful if swallowed.
Inhalation:	Prolonged inhalation may be harmful.

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ECOLOGICAL INFORMATION (NON-MANDATORY)

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Dispose of contents and/or container in accordance with local, regional, national and international regulations.

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TRANSPORT INFORMATION (NON-MANDATORY)

This substance is considered to be non-hazardous for transport. (Class 70)

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OTHER INFORMATION

SDS Information:

Date Prepared:	September 19th, 2023
Version:	1.0

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