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www.AlbionMinerals.com

**Product Name:** Metalosate® Manganese Amino Acid Soluble Powder      **Revision Date:** 24-Aug-2015  
**Product Number:** 08724

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Product Name	Metalosate® Manganese Amino Acid Soluble Powder
Product Description	Organic mineral foliar supplement
Manufacturer's Name	Albion Laboratories, Inc.
Address	101 North Main Street, Clearfield, Utah 84015
Emergency Telephone Number	(801) 773-4631
Telephone Number for Information	(801) 773-4631
2. HAZARDS IDENTIFICATION	
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	Specific target organ toxicity- repeated exposure (Category 2), H373 Chronic aquatic toxicity (Category 2), H411
Pictogram	
Signal Word	Warning
Hazard statement (s)	H373 May cause damage to organs through prolonged or repeated exposure H411 Toxic to aquatic life with long lasting effects
Precautionary statement(s)	P260 Do not breath dust/powder P314 Get medical advice/attention if you feel unwell H391 Collect spillage H501 Dispose of contents/container to an approved waste disposal plant
Hazards not otherwise classified (HNOC) or not covered by GHS	None
3.COMPOSITION / INFORMATION ON INGREDIENTS	
Proprietary Blend of	Manganese amino acid chelate
Approx. % by WT	100%
4. FIRST AID MEASURES	
Eyes	Irrigate thoroughly with water for at least 10 minutes. If any discomfort persists obtain medical attention
Skin	Wash skin thoroughly with water. Remove contaminated clothing and wash before reuse. In severe cases obtain medical attention.
Ingestion	Wash out mouth thoroughly with water. Obtain medical attention.
Inhalation	Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
5. FIRE FIGHTING MEASURES	
General Hazard	No specific hazard
Extinguishing Media	Water spray, foam, dry chemical, or carbon dioxide
6. ACCIDENTAL RELEASE MEASURES	
Small Spill	Wear appropriate protective clothing. Sweep up spillage and wash affected area.
Large Spill	Vacuum or sweep up material and place in a disposal container. Dispose of in a manner according to local regulations.
7. HANDLING AND STORAGE	
Handling	Wear protective clothing and wash areas of contact after handling.
Storage	Store in a cool, dry place in original container. Do not leave product in open containers.

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<b>Work Hygienic Practices</b>	Good general ventilation should be sufficient to control airborne levels.
<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>Eyes and Face</b>	Wear appropriate clothing and eye protection.
<b>Respiratory</b>	Fine dust respirator to standard N95 or equivalent.
<b>Protective Clothing</b>	Wear appropriate clothing.
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Physical State</b>	Solid
<b>Odor</b>	Strong Characteristic
<b>Appearance</b>	Powder
<b>Color</b>	Tan to brown
<b>pH</b>	4.5 – 6.5 (1% in distilled water)
<b>Boiling Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Density</b>	Not less than 0.60 g/cc
<b>10. STABILITY AND REACTIVITY</b>	
<b>Stable</b>	Yes
<b>Hazardous Polymerization</b>	No
<b>Hazardous Decomposition Products</b>	Metal oxides and carbon dioxide are possible decomposition products.
<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Target Organs</b>	No target organs are known
<b>Carcinogenicity</b>	IARC: None of the materials used in this product contain chemicals on the IARC list. NTP: None of the materials used in this product contain chemicals on the NTP list.
<b>General Comments</b>	The suppliers of this product have no evidence to suggest that this product has carcinogenic or mutagenic or teratogenic effects.
<b>12. ECOLOGICAL INFORMATION</b>	
<b>General Comments</b>	Quantitative data on the ecological effects of this product are not available. Care should be taken to avoid entry of any chemical product into natural watercourses. No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Disposal Consideration</b>	Chemical residues are classified as special waste and as such are covered by regulations which vary in accordance to location. Contact your local waste disposal authority for advice or pass to a chemical disposal company
<b>14. TRANSPORTATION INFORMATION</b>	
<b>UN-Number DOT, ADR, AND, IATA IMDG</b>	None Non-Regulated Material Not Regulated
<b>UN proper shipping name DOT, ADR, AND, IMDG, IATA</b>	Not Regulated for Transportation Non-Regulated Material
<b>Transport Hazard class(es) DOT, ADR, AND, IMDG, IATA class</b>	Not-Regulated Non-Regulated Material

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<b>Packing group DOT,ADR,IMDG,IATA</b>	Non-Regulated Material
<b>Environmental hazards Marine pollutant</b>	No
<b>Transport bulk according to Annex II of MARPOL73/78 and IBC Code</b>	Not applicable
<b>15. REGULATORY INFORMATION</b>	
<b>General Comments</b>	This product is not regulated by any known government agency as hazardous.
<b>16. OTHER INFORMATION</b>	
<b>Manufacture Disclaimer</b>	<p>The information supplied on this sheet is to the best of our knowledge accurate at the time of preparation. It does not relieve the user of this product of any responsibility to comply with local, national, or international laws relating to the handling or use of this product.</p> <p>The suppliers do not accept responsibility for any claims resulting from the misuse of this product or failure to comply with the information stated within.</p>