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www.AlbionMinerals.com

**Product Name:** Metalosate® Multimineral™ Amino Acid Soluble Powder **Revision Date:** 24-Aug-2015  
**Product Number:** 08727

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION													
<b>Product Name</b>	Metalosate® Multimineral™ Amino Acid Soluble Powder												
<b>Product Description</b>	Organic mineral foliar supplement												
<b>Manufacturer's Name</b>	Albion Laboratories, Inc.												
<b>Address</b>	101 North Main Street, Clearfield, Utah 84015												
<b>Emergency Telephone Number</b>	(801) 773-4631												
<b>Telephone Number for Information</b>	(801) 773-4631												
2. HAZARDS IDENTIFICATION													
<b>GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)</b>	Skin Irritation (Category 2), H315 Serious Eye Damage (Category 1), H318 Specific target organ toxicity – repeated exposure (Category 2), H373 Acute Aquatic toxicity (Category 1) H 400 (M factor (self-classification) = 10) Chronic Aquatic toxicity (Category 1), H 410 (M factor (self-classification) = 10)												
<b>Pictogram</b>													
<b>Signal Word</b>	Danger												
<b>Hazard statement (s)</b>	H315 Causes skin irritation H318 Causes serious eye damage H373 May cause damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects												
<b>Precautionary statement(s)</b>	P260 Do not breathe dust/powder P264 Wash skin thoroughly after handling P270 Do not eat, drink or smoke when using this product P280 Wear protective gloves/ eye protection/ face protection P314 Get medical advice/attention if you feel unwell P305 + P351 +P338 +P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician P391 Collect spillage P501 Dispose of contents/container to an approved waste disposal plant												
<b>Hazards not otherwise classified (HNOC) or not covered by GHS</b>	None												
3.COMPOSITION / INFORMATION ON INGREDIENTS													
<b>Proprietary Blend of</b>	Calcium amino acid chelate, magnesium amino acid chelate, iron amino acid chelate												
	<table border="1"> <thead> <tr> <th>Hazardous Component</th> <th>Classification</th> <th>Concentration Range</th> </tr> </thead> <tbody> <tr> <td>Zinc amino acid chelate</td> <td>Skin Irritation (Category 2), H315</td> <td>5-10%</td> </tr> <tr> <td>Copper amino acid chelate</td> <td>Serious Eye Damage (Category 1), H318</td> <td>7-13%</td> </tr> <tr> <td>Manganese amino acid chelate</td> <td>Specific target organ toxicity – repeated exposure (Category 2) Acute Aquatic toxicity (Category 1), H400 Chronic Aquatic toxicity (Category 1), H410</td> <td>5-10%</td> </tr> </tbody> </table>	Hazardous Component	Classification	Concentration Range	Zinc amino acid chelate	Skin Irritation (Category 2), H315	5-10%	Copper amino acid chelate	Serious Eye Damage (Category 1), H318	7-13%	Manganese amino acid chelate	Specific target organ toxicity – repeated exposure (Category 2) Acute Aquatic toxicity (Category 1), H400 Chronic Aquatic toxicity (Category 1), H410	5-10%
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<b>Approx. % by WT</b>	100%												
4. FIRST AID MEASURES													
<b>Eyes</b>	Irrigate thoroughly with water for at least 10 minutes. If any discomfort persists obtain medical attention												
<b>Skin</b>	Wash skin thoroughly with water. Remove contaminated clothing and wash before reuse. In severe cases obtain medical attention.												
<b>Ingestion</b>	Wash out mouth thoroughly with water. Obtain medical attention.												

<b>Inhalation</b>	Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
<b>5. FIRE FIGHTING MEASURES</b>	
<b>General Hazard</b>	No specific hazard
<b>Extinguishing Media</b>	Water spray, foam, dry chemical, or carbon dioxide
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<b>Small Spill</b>	Wear appropriate protective clothing. Sweep up spillage and wash affected area.
<b>Large Spill</b>	Vacuum or sweep up material and place in a disposal container. Dispose of in a manner according to local regulations.
<b>7. HANDLING AND STORAGE</b>	
<b>Handling</b>	Wear protective clothing and wash areas of contact after handling.
<b>Storage</b>	Store in a cool, dry place in original container. Do not leave product in open containers.
<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>	4.0 – 4.5 (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 0.58 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.

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13. DISPOSAL CONSIDERATIONS	
<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
14. TRANSPORTATION INFORMATION	
<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
<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
15. REGULATORY INFORMATION	
<b>General Comments</b>	This product is not regulated by any known government agency as hazardous.
16. OTHER INFORMATION	
<b>Manufacture Disclaimer</b>	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.  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.