

Identity # Name Harrell's Bio-MAX 12-0-10

Section 1

Manufacturer's Name - Hocking International Laboratories, East, LLC
Address - 171B Gene Stewart Court Emergency Phone (Chemtrec) 1-(800)-424-9300
City - Sylacauga State - AL Daytime Phone - 1-(760)- 432-5277
Contact Person - Robert Munion

Date Prepared- 4/12/2010

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV	Weight% (Optional)
Magnesium Nitrate	10377603	1mg/m3	1mg/m3	
Manganese Nitrate	10377669	1mg/m3	1mg/m3	

Note:

VOC Content- <10 g/L

Section 3 - Physical/Chemical Characteristics

Boiling Point- >212 F Specific Gravity- 1.380
Vapor Pressure - Not Tested Melting Point - Not Tested
Vapor Density - Not Tested Evaporation Rate - Not Tested
Solubility In Water- 100%
Appearance and Odor- Brown, Seaweed Odor

Section 4 - Fire and Explosion Hazard Data

Flash Point- None Flammable Limits - Not Tested
LEL- Not Tested UEL- Not Tested
pH- 3.5-5.5
NFPA Hazard Rating - H F R S HMIS Hazard Rating - H F R
(0- Least, 4- Extreme 1 0 0 0 1 0 0)

Extinguishing Media- CO2, DRY FOAM

Special Fire Fighting Procedures None

Unusual Fire and Explosion Hazards None

Section 5 - Reactivity Data

Stability - Stable
Conditions to Avoid - None

Incompatible Materials to Avoid- Chlorine Releasing Materials, High pH
Hazardous Decomposition or Byproducts- CO, CO2, Ammonia
Hazardous Polymerization None

Conditions to Avoid- Strong Oxidizers

Section 6 - Health Hazard Data

Routes of Entry

Inhalation? - Possible

Skin? - Possible

Ingestion? - Possible

Health Hazards - Same as Signs and Symptoms of Exposures

Note - All Chemicals in this Product are Found on the TSCA Inventory List.

OSHA Carcinogenicity? - None; NTP? - None; IARC Monographs? - None.

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Signs and symptoms of over exposure:

Eyes - Burning Sensation

Skin- Irritant

Ingestion- Irritant

Inhalation-

Medical Conditions Generally Aggravated by Exposure - Same as Signs and Symptoms of Over Exposure.

Emergency and First Aid Procedures

Eyes - Flush With Water For 15 Minutes. If Irritation Persists, Call Physician.

Skin- Wash Off With Soap & Water

Ingestion- Drink Large Amounts of Water, Call Physician

Inhalation- Get Person to Fresh Air If Unconscious, Call Physician

Section 7 - Precautions For Safe Handling and Use.

Steps to be taken in case material is released or spilled - Soak up with inert, absorbent material.

Scoop up and place in a proper waste disposal container.

Waste Disposal Method - Dispose of in accordance with state and local regulations.

Precautions To Be Taken In Handling and Storing - Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32 F, or heat above 110 F.

Other Precautions - Keep out of reach of children. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory Protection - Open all doors and windows. "If" and when there is an exposure, and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134, is required.

Ventilation	Local Exhaust - If Available	Special - None
	Mechanical - If Available	Other - None

Protective Gloves- Plastic or Rubber, Chemical Resistant

Eye Protection- Glasses, Goggles

Other Protective Clothing or Equipment None

Work Hygienic Practices - Use common sense and care around chemicals. Never mix chemicals.

Consult your supervisor for other practices. All practices depend on your specific business.

Directions for use are normally found on label which will dictate engineering and control measures.

Other Special Requirements

Note: Hocking Intl. believes the data set forth are accurate. Hocking Intl. makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion