Section 1 – Chemical Product and Company Identification

Product Name: Magnesium-Mica
Chemical Name: Lamporite
Synonyms: Mag-Mica
Product Use: Animal Feed Supplement/Flow Agent/Soil Conditioner

Manufacturer:
Micro-Lite, LLC.
PO Box 45
14998 2350 Rd
Buffalo, KS 66717

Phone: 620-537-7025
Fax: 620-537-6311

Date of Revision: Jan 1, 2018

Section 2 – Composition/Information on Ingredients

Chemical Formula:
SiO2 41-50%
MgO 16-23%
K2O 6-10%
Fe2O3 6-9%
Al2O3 3-5%
CaO 1-4%
TiO2 1-4%
P2O5 0-2%
Na2 O 0-1%

Magnesium-Mica is a mined, all natural, non-metallic mineral substance. None of the components are considered hazardous or toxic in normal use. Test conducted on Magnesium-Mica has shown no detection of crystallinity.
Section 3 – Hazards Identification

Routes of Entry:  
Inhalation? Yes  Skin? No  Ingestion? Yes

Skin/Eyes:  
Contact may cause mechanical abrasion irritation.

Ingestion:  
No significant effects are expected to occur.

Inhalation:  
Dust may cause mechanical irritation of respiratory tract.

Section 4 – First Aid Measures

Skin contact:  Not expected to cause problem. If irritation occurs, flush affected area with water. If irritation persists, obtain medical treatment.

Eye Contact:  Immediately flush with water; seek medical attention if irritation persists.

Inhalation:  Remove to fresh air.

Ingestion:  Rinse mouth with water and or drink water.

Section 5 – Fire Fighting Measures

Conditions of Flammability:  
Does not burn or support combustion.

Flash Point and Method:  
Not Applicable.

Extinguishing Agents:  
Does not burn or support combustion.

Flammable Limits:  
Not Applicable.

Auto-ignition Temperature:  
Not Applicable.

Hazardous Combustion Products:  
Does not burn or support combustion and does not present and explosion hazard.

Section 6 – Accidental Release Measures

In case of leak or spill, sweep or scoop up material. Dispose of in a container for nonhazardous materials. Product is environmentally safe.
Section 7 – Handling and Storage

Handling Procedures and Equipment: Handle to minimize dust. Goggles and respirator recommended.

Storage Requirements: Store in clean dry place.

Section 8 – Exposure Controls and Personal Protection

Engineering Controls: May include process enclosure and/or local exhaust ventilation to maintain dust concentrations below allowable limits.

Personal Protective Equipment: Eye protection as needed - safety goggles, gloves as needed, no special requirements, Respiratory protection NIOSH/MSHA/OSHA approved respirator.

Section 9 – Physical and Chemical Properties

Physical State: Solid
Appearance: Tan to reddish brown powder/particles.
Odor: Odorless
Odor Threshold: Not available
Specific Gravity: 2.49 (water = 1) pH: 7.17
Boiling Point: Not applicable
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Melting Point: Varies with composition; above 1,000 degrees C
Evaporation Rate: Not applicable
Water Solubility: Virtually insoluble

Section 10 – Stability and Reactivity

Chemical Stability: Stable
Conditions to Avoid: None
Incompatible Substances: None known
Hazardous Decomposition Products: None known
Hazardous Polymerization: Will not occur
Section 11 – Toxicological Information

LD50/LC50: No data available
Irritancy: May cause irritancy of eyes, skin or nasal passages
Carcinogen: None known, NTP? Not applicable, IARC? Not applicable, OSHA? Not Applicable

Section 12 – Ecological Information

Not applicable.

Section 13 – Disposal Considerations

Follow applicable federal, state and local waste management regulations. This product is environmentally safe.

Section 14 – Transport Information

Special shipping requirements: No special requirements

DOT Classification: Not a DOT controlled material.

Non-hazardous for air, sea and road freight.

Section 15 – Regulatory Information

Components are non-toxic. Product is environmentally safe and is not regulated under RCRA or TSCA.

Section 16 – Other Information

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