Micro-Lite, LLC

Material Safety Data Sheet

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.
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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%
- Na2O: 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 non-hazardous 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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