



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:	
SiO ₂	41-50%
MgO	16-23%
K ₂ O	6-10%
Fe ₂ O ₃	6-9%
Al ₂ O ₃	3-5%
CaO	1-4%
TiO ₂	1-4%
P ₂ O ₅	0-2%
Na ₂ 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: Skin/Eyes:	Inhalation? Yes Skin? No Ingestion? Yes 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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