



Magnesium-Mica Feed Ingredient

Micro-Lite, LLC

SAFETY DATA SHEET

1. Product Identifier and Company Identification

Product Name:	Magnesium-Mica
INCI Name:	Phlogopite Lamproite
CAS Number:	12251-00-2
Molecular Formula:	KMg3[AlO(SiO3)3](F,OH)
Synonym:	Mag-mica, Micro-Lite
Product Use and Restrictions:	Animal Feed Supplement, Flow Agent, Binding Agent, Soil Conditioner (Refer to label)

Manufacturer/Contact Address:	Phone: (620) 537-7025
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Date of Revision: 29 March, 2022

2. Hazard Identification

Classification:	Physical/Chemical Hazards: not classified
	Human Health: not classified
	Environment: not classified
Signal Word:	N/A
Pictogram(s):	N/A
Hazard Statements:	
Routes of Entry:	
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.
Precautionary Statements:	Avoid inhalation and contact with eyes.
Response:	Move to fresh air, flush eyes with water.
Prevention:	Avoid inhalation and contact with eyes.
Storage:	No expiry date.
Disposal:	N/A

3. Composition

CAS Number	Component Name	Formula	Description	%
12251-00-2	Magnesium-Mica	KMg ₃ [AlO(SiO ₃) ₃](F,OH)	A yellow, greenish, or reddish-brown member of the mica family of phyllosilicates.	100

4. First Aid Measures

Summary of First Aid Measures

Ingestion: Do not induce vomiting. Seek medical attention. Never give anything by mouth unless instructed to do so by medical personnel.

Inhalation: Move to fresh air. Seek medical attention if necessary.

Skin: If irritation occurs, flush affected area with water. If irritation persists, seek medical treatment.

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

Medical Conditions N/A

Effects of Overexposure: N/A

Summary of Acute Health Hazards

Ingestion: N/A

Inhalation: N/A

Skin: N/A

Eyes: N/A

Note to Physicians: N/A

Summary of Chronic Health: N/A

5. Fire Fighting Measures

Extinguishing: Does not burn or support combustion.

Special Exposure Hazards: Does not present an explosion hazard.

Special Protective: N/A

Fire Fighting Procedures: N/A

NFPA Rating:



Health - 1
Flammability - 0
Instability - 0
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

6. Accidental Release Measures

Personal Precautions:

Product is environmentally safe. Wear respirator or dust mask to avoid inhalation of dust. Wet material may be very slippery.

Emergency Procedures:

N/A

Methods of Containment and Clean-Up:

In case of leak or spill – sweep or scoop up material. Dispose of in a container for nonhazardous material.

7. Handling and Storage

Safe Handling:

Handle to minimize dust and avoid inhalation. Material may become very slippery when wet.

Storage:

Store in a clean dry place.

Work/Hygienic Practices:

Goggles and respirator recommended. Avoid chronic inhalation of dust.

Ventilation:

Handle in adequately ventilated area.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits:

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

Protective Equipment:

No special requirements. Gloves as needed.



Eye Protection:

Safety goggles, as needed.

Respiratory:

NIOSH/MSHA/OSHA approved respirator

9. Physical and Chemical Properties

Physical State:	Solid.	Vapor Pressure:	N/A
Appearance:	Tan to reddish brown powder.	Vapor Density:	N/A
Odor:	Odorless	Melting Point:	Varies with composition (over 1000 degrees C)
Odor Threshold:	N/A	Evaporation Rate:	N/A
Specific Gravity:	2.49 (water = 1)	Water Solubility:	Virtually insoluble
pH:	7.17		
Boiling Point:	N/A		

10. Stability and Reactivity

Reactivity:	Stable
Chemical Stability:	Stable
Possibility of Hazardous Reactions or Polymerizations:	Will not occur
Conditions to Avoid:	Avoid chronic inhalation of dust. Wet material may become slippery.
Incompatible Materials:	N/A
Hazardous Decomposition Products:	N/A

11. Toxicological Information

Acute and Chronic Effects:	N/A	Numerical measures of toxicity:	N/A
Routes of Exposure:		Chronic Toxicity:	N/A
Ingestion:	Yes	Carcinogenicity:	N/A
Inhalation:	Yes	TARGET ORGANS:	N/A
Skin:	No		
Eyes:	Yes		
Symptoms related to physical, chemical and toxicological characteristics:	N/A		

12. Ecological Information

Ecotoxicity:	N/A
Persistence and Degradability:	N/A
Bioaccumulative Potential:	N/A
Mobility in Soil:	N/A

13. Disposal Considerations

Disposal of Container:

Solid waste disposal. Follow applicable federal, state and local waste management regulations. This product is environmentally safe. Not suitable for incineration, chemical or biological degradation.

14. Transport Information

This product is not regulated as a hazardous material, substance or dangerous good.

15. Regulatory Information

SARA 302 Extremely Hazardous Substances (EHS)

under the Community-Right-to-Know provisions of EPCRA Section 313, aka the Toxic Release Inventory (TRI) Report or Form R.

SARA 304 Extremely Hazardous Substances (EHS) Release Notification

CERCLA Hazardous Substances

SARA 311/312 Hazards
SARA 313 Reportable Chemicals

Clean Air Act (CAA) Section 122(r) Air Pollutants

California Prop 65 Chemicals
Hazard Label Warning
TSCA (Toxic Substances Control Act)

No chemical in this product is listed as an Extremely Hazardous Substance (EHS) under Section 302 of EPCRA. No chemical in this product is listed as an Extremely Hazardous Substance (EHS) which, if released to the environment in quantities at or above the substance's Reportable Quantity (RQ), would require reporting to the SERC and LEPC under Section 304 of EPCRA.

No chemical in this product is listed as a CERCLA hazardous substance subject to the National Response Center (NRC) release reporting requirements. No chemical in this product is listed as an air pollutant under the US Clean Air Act, Section 112(r) (40 CFR 61).

No chemical in this product is subject to annual emissions, transfers, or waste management reporting

This product does not require hazard label warnings. All chemical substances in this product are listed on the US TSCA Inventory List.

ACRONYMS:	
CAS #	Chemical Abstract Services Registry Number
CFR	Code of Federal Regulations
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act

EPCRA	Emergency Planning and Community Right-to-Know Act
INCI	International Nomenclature of Cosmetic Ingredients
LEPC	Local Emergency Planning Committee
SERC	State Emergency Response Commission
MSHA	Mine Safety and Health Administration

16. Other Information

Revision Date: 30 March, 2022

Supersedes: 29 March, 2022

First Issue: 1 September, 1990

Important! Read this SDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This SDS has been prepared in accordance with the Globally Harmonized System of Chemical and Labeling of Chemicals (GHS) Fifth Edition and the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The SDS information is based on sources believed to be reliable. Available data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control. Micro-Lite, LLC makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks and exercise appropriate precautions or protection of employees and others prior to use.