

Safety Data Sheet

Product Name: Lauroyl Lysine Surface Treated Mica/Sericite
Product Type: Colorant
Ingredients: Mica/Sericite (90-95%), Lauryol Lysine (5-10%)

Physical and Chemical Properties

Appearance: White to off white powder.
Specific Gravity: 2.90
Boiling Point: Not available
Solubility in Water: Negligible
Vapor Density: Not applicable
Melting Point: Decomposes at 230 °C
pH (28% slurry): 6.0 to 8.0

Hazards Identification

Inhalable silica is not expected to be present in the dust from this product at levels exceeding 1%. If levels above 1% are detected, then additional respiratory protective measures should be taken. Crystalline silica is listed with IARC as a class 1 carcinogen and with NTP as a substance reasonably anticipated to be a carcinogen.
Potential Health Effects: Prolonged or repeated exposure may cause lung damage
Inhalation: May cause irritation of the respiratory tract Prolong or repeated exposure cause lung damage.
Ingestion: No adverse health effects are expected from swallowing.
Skin Contact: May cause skin irritation
Eye Contact: Dust may cause irritation and inflammation
Chronic Health Hazards: Prolonged or repeated exposure to dust may cause pulmonary problems
Aggravated Medical Conditions: Pulmonary disorders, Allergies

First Aid Measures

Autoignition Temperature: None
Extinguishing Media: Not Applicable
Eye and Skin: No Special Precautions; Flush with water.
Inhalation and Ingestion: No Special Precautions.

Fire-Fighting measures

Flash Point, °C: Not Applicable
Flammable Limits in Air: Not Applicable
Autoignition Temperature: None
Extinguishing Media: Not Applicable
Special Fire Fighting Procedures: Kaolin is not a fire hazard or an explosive hazard in either power or slurry form.

Spillage/Accidental Release Measures

Hazardous substance under sections 307 and 311 of the clean water act.
Clean spills by sweeping, vacuuming or flushing with water- neutralizing chemicals: none required.

Handling and Storage

Precautions to be taken in handling & storing: no special precautions.
Ventilation: use sufficient general area ventilation. Local exhaust may be necessary where TLV's are exceeded or dusty conditions exist.

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Exposure Controls/Personal Protection

Personal protective equipment:

Eye: non-essential, but desirable.

Gloves: non-essential.

Respiratory protection: for dusty conditions use a dust mask approved by NIOSH.

Other: none.

Precautionary statements/labeling:

Health 0*

Flammability 0

Reactivity 0

Personal protection e*

Caution statements: prolonged breathing of excessive dust may affect lung function. Use dust mask in dusty areas.

Stability and Reactivity

Incompatibility: avoid strong oxidizing agents, acids, and alkalis. Sulfuric acid causes an exothermic reaction.

Conditions contributing to instability: none

Conditions contributing to hazardous polymerization: none

Hazardous decomposition products: none

Toxicological Information

Effects of acute overexposure: no acute effects. Brief exposures above the eight hour threshold limit value should not pose acute health risks.

Effects of chronic overexposure: As is true with nuisance dusts, long term overexposure to high concentrations of this dust without the use of a dust mask may produce x-ray evidence of dust in the lungs. Continued long term overexposure may affect respiratory function in some individuals.

Medical conditions aggravated by exposure: unknown.

Ecological Information

No harmful effects known other than those associated with suspended inert solids in water.

Disposal Conditions

US EPA Waste Number: Not Regulated

Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

Transport Information

Dot: Not restricted.

International regulations:

Un number: none

Land transport: none

Inland waterways: none

IMGD code: none

IDAO/IATA: none

Harmonized tariff code: 2525.20.0000

Regulatory Information

State: Consult local and state hazard communication regulations.

Federal:

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CPSC: none
USDA- none
TSCA- listed
EINECS- listed
RCRA – no
DSL- listed
SARA 304 – no
SARA 311- yes (ACGIH TLV assigned.)
SARA 312- possibly
SARA 313- no

Osha - Not listed by NTP, OSHA or IARC as a carcinogen.

Other: California proposition 65: yes

NJRTK: yes

Warning! This product contains a chemical known to the state of California to cause cancer. Trace amounts of lead, cadmium, hexavalent chromium, arsenic, and respirable crystalline silica.

-Disclaimer-

This safety data sheet is based on the properties of the material known to Mad Oils, Inc. at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment, Mad Oils, Inc. holds no responsibility. This document is not intended for quality assurance purposes.