



LUSTERMAX • EXTRACT FILTRATION MEDIA

MATERIAL SAFETY DATA SHEET (LM-ALPHA)

SECTION 1. IDENTIFICATION

Product Name: Luster Max - Extract Filtration Media
Product SKU: LM-ALPHA
Product Synonym(s): Activated Bentonite Clay
CAS: 70131-50-9
EINECS: 274-324-8
Recommended Use: Refinement of plant extracted natural oils for increased clarity and sorption of impurities or industry-specific undesirable compounds.
Contact: For direct questions and assistance please email or call us with the contact information provided below;
LUSTERMAXMEDIA@GMAIL.COM
Emergency Contact: 24 HR. Emergency Telephone Number CHEMTREC: 800-424-9300
Last Revision Date: 1/10/2021

SECTION 2. HAZARD IDENTIFICATION

GHS Classification(s): Carcinogenicity Category 1
Hazard Pictogram:



Hazard Statements: This substance is dangerous to inhale and can cause respiratory sensitivity from repeated exposure. Use only in a ventilated fume hood or equivalent environment with particulate respirators and safety glasses. If needed, transfer from container outside with particulate respirators.
H335: May cause respiratory irritation.
H350: May cause cancer.
H372: Causes damage to organs through prolonged/repeated exposure.

SECTION 2. HAZARD IDENTIFICATION (CONTINUED)

Prevention Statement:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breathe dust/fume/gas/mist/vapors/spray.
- P261: Avoid breathing dust.
- P264: Wash skin thoroughly after handling.
- P270: Do not eat, drink, or smoke when using this product.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.

Exposure Response Statement:

P308/P313: If exposed or concerned. Get medical advice/attention.

STORAGE:

Store in a cool dry area with the container sealed securely.

DISPOSAL:

P501: Dispose of contents/container in accordance with local/regional /national/international regulations.

SECTION 3. COMPOSITION

Composition:

Activated Bentonite Clay - 100% **Expressed as Dry Mass**
**Bentonite is a UVCB substance sub-type 4*

Moisture Percentage:

7 - 9.5%

SECTION 4. FIRST AID MEASURES

Description of

First Aid Measures:

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.

Eye Contact:

If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact:

Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before reuse.

Inhalation:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

Ingestion:

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

Most important symptoms and effects, both acute and delayed:

Dust may cause mechanical eye irritation.

SECTION 4. FIRST AID MEASURES (CONTINUED)

Medical conditions aggravated by exposure:	This material or its emissions may aggravate pre-existing disorders involving any target organs mentioned in this Safety Data Sheet as being at risk.
Indication of any immediate medical attention and special treatment needed:	Treat symptoms and reduce over-exposure.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media:	Water, Dry powder / dry sand, alcohol-resistant foam, dry chemical or CO2.
Specific hazards arising from the chemical:	None known <u>Explosion Sensitivity to Mechanical Impact:</u> Not Sensitive. <u>Explosion Sensitivity to Static Discharge:</u> Not Sensitive. <u>Minimum Ignition Energy (M.I.E.):</u> No Data at this time
Special firefighting Procedure:	Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Small Spill:	Sweep or vacuum material. Transfer to secondary container to be properly disposed.
Large Spill:	Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers. Notify proper authorities that a spill has occurred.
Environmental Precautions:	Do not let product enter drains, do not allow to sewers/surface or ground water. See Section 12, Ecological information.
Methods and Material for Containment and Clean up:	Pick up released product with appropriate implements & return to original container if reusable, or dispose. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7. HANDLING AND STORAGE

- General Procedures:** Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feeding stuffs.
- Handling:** Avoid dust formation. Provide enough air exchange and/or exhaust in work rooms. In case of insufficient ventilation, wear suitable respiratory equipment. For personal protection see section 8. Handle and open container with care. If you require advice on safe handling techniques or specific uses, please contact your supplier or check the further information referred to in section 16.
- Storage:** Minimize airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting. Activated carbon can lead to a reduction of oxygen in closed containers.
- Specific Uses:** Adsorbent, filtration.

SECTION 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

- EXPOSURE LIMITS:** Bentonite 1 mg/m³
In terms of respirable crystalline silica:
ACGIH (USA) : 0.05mg/m³ TWA
- Ventilation and Engineering Controls:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.
- The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*
- Respiratory Protection:** Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.
- Eye Protection:** Safety glasses are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.
- Hand Protection:** Use protective gloves as appropriate to minimize skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.
- Body Protection:** Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid (free flowing powder)
ODOR:	Odorless
APPEARANCE/COLOR:	White/Tan Powder
PH:	3.3-4.2 (Mildly Acidic in Suspension)
MELTING / FREEZING POINT (F°):	Not Applicable
BOILING POINT (F°):	Not Applicable
FLASH POINT (F°):	Not Applicable
EVAPORATION RATE:	Not Available
FLAMMABILITY:	Not Applicable
FLAMMABLE LIMITS:	Not Applicable
VAPOR PRESSURE:	Not Applicable
VAPOR DENSITY:	Not Applicable
RELATIVE DENSITY:	350 – 1000kg/m ³
SOLUBILITY IN WATER:	Negligible solubility in water, solvents or oil.
AUTOIGNITION TEMP:	Not Applicable
DECOMPOSITION TEMP:	Not Applicable
VISCOSITY:	Not Applicable
EXPLOSIVE PROPERTIES:	Not Applicable
OXIDISING PROPERTIES:	Not Applicable

SECTION 10. STABILITY AND REACTIVITY

Conditions to Avoid:	Avoid exposure to water
Materials to Avoid:	Avoid metals especially when wet since hydrogen gas may be liberated (explosion hazard). Avoid contact with unsaturated organic materials as product may cause polymerization with generation of heat.
Hazardous Decomposition Products Dry products:	None, The product saturated with oxidisable liquid can lead to spontaneous heating effects, which may result in a fire.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:	Direct inhalation may result in fibrosis of the lung tissue.
Skin Contact:	May cause mechanical skin irritation
Eye Contact:	Irritant due to physical abrasion effect of powder, which may be slightly acidic.
Ingestion:	Orally non-toxic
Carcinogenicity Listing:	Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.
Acute Toxicity Values:	No data available.

SECTION 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

Toxicity:	No specific data available on this product.
Persistence and Degradability:	No specific data available on this product.
Bioaccumulative Potential:	No specific data available on this product.
Mobility in Soil:	No specific data available on this product.
Results of PBT and vPvB Assessment:	No specific data available on this product.
Other Adverse Effects:	No specific data available on this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Dispose in accordance with local, state and federal environmental regulations. Without proper precautions, spent bleaching clay used in bleaching fats and edible oils or with unsaturated organic compounds is known to spontaneously combust.

Comments:

To suppress spontaneous combustion, heat can be dissipated by spreading out the clay and/or spraying with water.

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional/local authority requirements.

SECTION 14. TRANSPORTATION INFORMATION

US DOT/IMDG/IATA:

PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS NUMBER AND DESCRIPTION: N/A

UN IDENTIFICATION NUMBER: N/A

PACKING GROUP: N/A

DOT LABEL(S) REQUIRED: N/A

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2016): N/A

MARINE POLLUTANT:

Ingredients are not classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture.

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act. TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: No
Chronic Health: No
Fire: No
Reactivity: No

U.S. CERCLA REPORTABLE QUANTITY (RQ):

CERCLA Reportable Quantity RQ: None

CLEAN WATER ACT: None of the chemicals in this product are listed as Hazardous Substances under the CWA.

STATE REGULATIONS: None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain chemicals on the Prop 65 list.

CANADIAN REGULATIONS

CANADIAN DSL/NDSL INVENTORY STATUS: All of the components of this product are on the DSL Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION AND SYMBOLS: This product is categorized as per WHMIS 2015 Controlled Product Regulations.

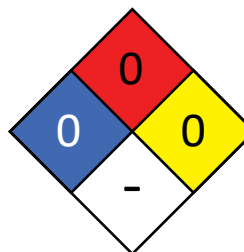
FOR SECTION 16 TURN TO THE FOLLOWING PAGE

SECTION 16. OTHER INFORMATION

HMIS RATING

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

NFPA RATING



END MSDS

Disclaimer:

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