

SAFETY DATA SHEET
VERSION 1.1
Revision Date: April 2020

Section 1: IDENTIFICATION

Product Identifier: MICROBE-LIFT CALCIUM MONTMORILLONITE CLAY (CMC)

Brand: MICROBE-LIFT

Product Number is based on Product Size. For more information request for brochure/ refer one.

Manufacturer: Ecological Laboratories Inc.

Address: 2525 N.E. 9th Avenue
Cape Coral, FL 33909

Phone: (800) 645-2976

Emergency: (800) 424-9300

Outside USA: (202) 483-7616

Recommended Use: For pond clarity, koi health, growth and color.

Section 2: HAZARD(S) IDENTIFICATION

Hazard Classification: Health Carcinogen Category 1A

Signal Word: Danger

Hazard Statement: May cause cancer by inhalation. Causes damage to lungs through prolonged or repeated exposure by inhalation.

Pictograms:



Precautionary Statements: Do not breathe dust. Do not eat, drink or smoke when using this product. Avoid contact with eyes. Flush immediately if needed. Use gloves to avoid contact with skin and open wounds. If exposed, wash with soap and water. Do not use internally. Keep out of reach of children. Do not handle until all safety precautions have been read and understood.

Description of hazard not otherwise classified: NA

Mixture containing an ingredient with unknown toxicity: NA

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: NA

Common Name & Synonyms: MICROBE-LIFT CALCIUM MONTMORILLONITE CLAY (CMC)

Chemical Abstracts Service (CAS) number and unique identifiers:

This material contains crystalline silica as quartz (CAS 1 4808-60-7). Crystalline silica in the respirable range is

present at approximately 2% (Wt. %). The OSHA Permissible Exposure Limit (PEL) and the ACGIH Threshold Limit Value (TLV) concentration limit of 0.1 mg/m³ is not approached in normal product use (time weighted averages).

Impurities & Stabilizing Additives: NA

Chemical Name and Concentration of all ingredients (classified as health hazard):

Crystalline silica as quartz (CAS 1 4808-60-7).

Section 4: FIRST AID MEASURES

Note: The product has been classified as a non-hazardous substance.

In case of skin contact

May cause skin irritation. Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact. Rinse with water. Remove contaminated clothing and footwear. If symptoms persist, call a physician.

In case of eye contact

This material may cause eye irritation. Rinse with plenty of lukewarm water, also under eyelids for fifteen minutes. If symptoms persist, call a physician.

If inhaled

Prolonged contact may cause slight irritation. Supply fresh air immediately. Rinse mouth and nose with water. Contact a physician if necessary.

If swallowed

Excessive ingestion may cause nausea or diarrhea. Irritation of the mouth, pharynx, esophagus and stomach can develop. Rinse mouth with water. Gargle with water. If uneasy symptoms persist, call a physician. Induce vomiting only if advised by physician or poison control. Call poison control.

Recommendation for immediate medical care: Proceed as mentioned above. Call poison control if ingested. Seek medical attention if irritation persists. Remove contaminated clothing and footwear; wash with soap and water if it comes in contact with skin.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the environment.

Special hazards arising from the substance or mixture

NA

Advice for firefighters

NA

Further information

Product not considered being a Fire Hazard.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

As mentioned under section 7.

Environmental Precautions

NA

Methods and materials for containment and cleaning up

Sweep or vacuum; place in containers or closed trucks.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on PPE.

See Section 13 for disposal information.

Section 7: HANDLING & STORAGE

Precautions for safe handling

To prevent respirable dust from contaminating air, use adequate ventilation and dust collection.

Conditions for safe storage, including any incompatibilities

If used in edible oil bleaching, spent clay mixed with oil may be combustible in air. Use nitrogen or steam filter press purge methods, not air. Cover spent clay with water prior to waste disposal.

Specific end use(s)

NA

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

None

Components with workplace control parameters

Contains no substance with occupational exposure limit values.

Exposure controls

Material transfer should be done under conditions of local exhaust ventilation to avoid breathing dust.

Permissible Exposure Limit (PELs)

None

Threshold Limit Values (TLVs)

None

Appropriate engineering controls

Open air/Ventilation

Personal protective equipment

Wash hands before and after using the product.

Eye/face protection

Tightly fitting safety goggles recommended.

Skin protection

Skin should be covered by clothing at a minimum. Avoid excessive skin contact. Rubber gloves-recommended.

Body protection

Same as above

Respiratory protection

NIOSH or MISHA approved dust respirator if excessive dust is generated.

Control of environmental exposure

Minimize environmental exposure.

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance

Cream to tan

Odor

Odorless

pH

NA

Melting point/freezing point

NA

Initial Boiling Point

NA

Flash Point

NA

Flammability (solid, gas)

None

Vapor Pressure & Density

NA

Water Solubility

Insoluble

Specific gravity

2.45

Section 10: STABILITY AND REACTIVITY

Reactivity

NA

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

NA

Condition to avoid

None known.

Incompatible materials

In contact with turpentine, hydrofluoric acid, vegetable oil, or other unsaturated organic compounds, heat may be generated.

Hazardous decomposition products

NA

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

NA

Carcinogenicity:

NTP – No

IARC – Yes

OSHA – No

IARC has placed crystalline silica in Group 2A (probable) based upon limited evidence. Aquatic Planting Media, like other naturally occurring minerals, contains crystalline silica.

Chronic Toxicity

NA

Reproductive Toxicity

NA

Additional Information

None

Section 12: ECOLOGICAL INFORMATION

Toxicity

NA

Persistence and degradability

NA

Bio-accumulative potential

NA

Mobility in soil

NA

Other adverse effects

NA

Section 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Section 14: TRANSPORT INFORMATION

DOT (US)

UN Number

NA

Class

NA

Packing Group

NA

Proper Shipping Name

NA

Section 15: REGULATORY INFORMATION

California Proposition 65

Warning: This product contains a chemical known to the State of California to cause cancer.

Ingredient name

Crystalline silica as quartz Cancer

Section 16: OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named manufacturer nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

This product conforms on its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. However the manufacturer could withdraw the chemical composition of the product on the basis of it being a trade secret.

29 CFR 1910.1200 (I)(1)

The safety data sheet indicates that the specific chemical identity and/or percentage of composition is being withheld as a trade secret; The specific chemical identity and percentage is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions.

Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including

NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be in a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Any controversy or claim arising out or relating to this contract, or breach thereof, shall be settle by arbitration in accordance with the commercial arbitration rules of the American Arbitration Association, and judgment upon the rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.