

LECA Clay Pebbles

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: LECA - Clay Pebbles
Product Code(s): CLAY-3
Other means of Identification:
Recommended Use: Soil Additive/Gardening

Manufacturer/Marketer:

P.F. Harris Manufacturing Company, LLC
P.O. Box 1922
Cartersville, GA 30120
Email: info@pfharris.com
www.pfharris.com

Customer Service: 1-800-637-0317
Monday-Friday, 9am – 5pm EST

Emergency:

National Poison Control: 1-800-222-1222
24-hour Emergency Telephone: 1-800-255-3924

SECTION 2. HAZARDS IDENTIFICATION

OSHA Regulatory Status:

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

HAZARDS CLASSIFICATION: No known hazards

SIGNAL WORD: No signal word required

GHS HAZARD PICTOGRAMS: No pictograms required

Hazard Statements: Dust generation/contact with eyes may cause temporary scratchiness or redness. Prolonged or repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease.

Acute/Potential Health Effects:

EYES: Dusts may cause mechanical irritation, tearing, and blurred vision.

SKIN: No known acute effects.

INHALATION: Unlikely route of exposure. Avoid generation/breathing dusts.

INGESTION: Overexposure to dusts may be irritating to the digestive tract. **CHOKING HAZARD** – potential choking hazard if material is swallowed.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	WT %
Crystalline Silicium Dioxide [Mineral Ceramic Material LECA – Lightweight Expanded Clay Aggregate – fired at >2000°F]	114808-60-7	>99
Trace minerals	proprietary	<1

Any remaining components of this product are non-hazardous or are in small enough quantities as to not to meet thresholds for disclosure. These components contain no substances or impurities which influence the classification of this product.

SECTION 4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN: No anticipated need for first aid measures. Rinse skin with water. Wash clothing before reuse.

INHALATION: Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

INGESTION: Overexposure to dusts may be irritating to the digestive tract. **CHOKING HAZARD** – potential choking hazard if material is swallowed. Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIUM: Use any means suitable for extinguishing surrounding fire.

SPECIFIC HAZARDS: None known.

SPECIAL PROTECTIVE EQUIPMENT: Safety glasses, gloves

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain and recover material when possible. Use appropriate personal protective equipment. Shovel or sweep up and place into a suitable container for reclamation or disposal using a method that does not generate dust. Dispose of in accordance with applicable local regulations. Do not flush to sewer or allow to enter waterways – contact local water authority or Environment Agency if large amounts are released to water course.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use this product only in a manner consistent with its labeling. Take precautions to avoid contact with eyes and generation of dusts.

STORAGE: Store in original container, in a dry place inaccessible to children and pets. Emptied containers may retain product residues. Keep away from incompatible materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES	EXPOSURE LIMITS					
	OSHA PEL		ACGIH TLV		Supplier OEL (8h)	
	ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
Chemical Name						
Inorganic dust						10
Respirable crystalline silica						0.05

Eye Protection: Recommended: safety glasses

Skin Protection: Recommended: gardening gloves

Respiratory Protection: None.

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Lightweight Expanded Clay Aggregate - spheres

Appearance and Odor: Brown, odorless

Surface Alkalinity: Neutral

pH: 6-10 at 20°C

Flash Point: N/A

Flammability: N/A

Solubility: N/A

Water Absorption: 18 to 22%

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid dust generation.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Incompatible Materials: strong oxidants/dust generation

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Acute effects: Prolonged or repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease. Dust contact with eyes may cause temporary scratchiness or redness. May be harmful if swallowed.

Carcinogenicity: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Considered chemically inert in the environment.

Environmental Fate Data; Persistence/Degradation: No additional information.

Soil Mobility: No additional information.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Place in trash or offer for recycling if available. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	Not Regulated	Not Regulated	Not classified	Not classified
UN Proper Shipping Name	-	-	-	-
Transport Hazard Class	-	-	-	-
Packing Group	-	-	-	-
Environmental Hazards	-	-	-	-
Additional Information	-	-	-	-

SECTION 15. REGULATORY INFORMATION

US Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): The ingredients of this product are listed or exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50

SARA 302/304 EMERGENCY PLANNING EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

SARA 311/312: Acute Health: [] Chronic: [] FIRE: [] Sudden Release of Pressure: [] Reactive: []

SARA 313 (Specific Toxic chemical listings): None

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. Check with your state for additional regulations.

CA Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986):  **WARNING:** This product can expose you to chemicals including Silicate, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16. OTHER INFORMATION

Date of issue/revision: 04/27/2022

Version: 1.0

Date of previous issue: None

Revisions made: -

Notice to reader: This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handles or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents contractor and customers who will use this product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.