



SAFETY DATA SHEET Calcium Montmorillonite Clay

1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: Calcium Montmorillonite Clay		Date: 9-1-2018
Company: Summit Chemical Company		Recommended Use: Water Clarifier
Address: 235 S Kresson St, Baltimore, MD 21224		Emergency Telephone: 800-424-9300
Phone: 410-522-0661	Fax: 410-522-0833	(CHEMTREC) International: 1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification: Non-hazardous

GHS Label elements:

Causes skin irritation
Causes serious eye irritation

Signal Word Caution

Hazard Statements Classified as Non Hazardous. Can cause eye and skin irritation over long periods of Exposure.

Precautionary Statements – Prevention

Wash hands thoroughly after handling.



Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water.

Precautionary Statements – Disposal

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: Calcium Montmorillonite Clay

Common Name & Synonyms: N/A

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% (Weight %). 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: N/A

4. FIRST AID MEASURES

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

- Eye Contact:** Remove contacts lenses if worn, if possible. Rinse opened eye(s) for several minutes with running water. Then consult a doctor.
- Skin Contact:** Immediately rinse with water. If irritation continues, consult a doctor.
- Inhalation:** Prolonged contact may cause slight irritation. Supply fresh air; consult a doctor
- Ingestion:** Excessive ingestion may cause nausea or diarrhea. Irritation of mouth, pharynx, esophagus and stomach may develop. Rinse and gargle with water. Do not induce vomiting unless instructed by doctor. Contact Poison Control.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: CO2, extinguishing powder or water spray.

Unsuitable Extinguishing Media: None.

Specific Hazards Arising from the Substance or Mixture:

N/A

Protective equipment and precautions for firefighters:

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Avoid contact with skin and eyes. Wear protective equipment. Ensure adequate ventilation.
- Environmental precautions:** N/A
- Clean up methods:** Sweep or vacuum, place in containers or closed trucks.
- Reference to other Section:** Refer to Sec. 7, 8 and 13.

7. HANDLING AND STORAGE

- Handling:** To prevent respirable dust from contaminating air, use adequate ventilation and dust collection
- Storage:** Keep container tightly closed. Store in cool, dry conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Components with limit values that require monitoring at the workplace: None known

Additional information: The lists that were valid during the creation were used as the basis.

Exposure Controls:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Avoid breathing dust, use only in well ventilated areas.

Engineering Controls:	Open air/ventilation
Eye/Face Protection:	Tightly fitting safety goggles recommended
Skin and Body Protection:	Wear protective gloves and protective clothing.
Respiratory Protection:	NIOSH or MISHA approved dust respirator if excessive dust is generated.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practices. Take off contaminated clothing and wash before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Appearance:	Grey to tan
Odor:	odorless
Odor threshold:	Not determined
pH:	NA
Melting/Freezing Point:	Not determined
Boiling Point:	Not determined
Flash Point:	Not applicable
Evaporation Rate:	Not determined
Flammability:	Not applicable
Upper/Lower Flammability Limits:	Not determined
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Specific Gravity:	1.07
Water solubility:	Insoluble
Solubility in other solvents:	No data available
Partition coefficient:	
n-octanal/water	Not determined
Autoignition Temperature:	Not determined
Viscosity:	Not determined

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Not determined.
Conditions to avoid:	None known.
Incompatibilities:	No further relevant information available
Hazardous decomposition products:	None known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	
LD/LC 50 values that are relevant for classification:	
Primary irritant effect	
On skin:	May cause skin irritation. Rinse skin after using product.
On eyes:	Avoid eye contact. Rinse with copious amounts of water.
Sensitization:	No sensitizing effects known
Sub-acute to chronic toxicity:	No further relevant information available
Additional toxicological information:	None known
Carcinogenic categories	
NTP (National Toxicology Program):	None of the ingredients is listed
OSHA-Ca (Occupational Safety and Health Administration):	No further relevant information available
Probable routes of exposure:	Skin, eyes, inhalation, and ingestion
Acute effects (acute toxicity, irritation and corrosivity):	
Repeated Dose Toxicity:	No further relevant information available

12. ECOLOGICAL INFORMATION

Aquatic toxicity:	No further relevant information available
Persistence and degradability:	No further relevant information available
<u>Behavior in environmental system:</u>	
Bio-accumulative potential:	No further relevant information available
Mobility in soil:	No further relevant information available
<u>Additional ecological information:</u>	
General notes:	Do not allow undiluted product or large quantities of product to reach water course or sewage systems.
Other adverse effects:	No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional or Local regulations for additional requirements.

Contaminated Packaging: Dispose of contents/containers in accordance with local regulations.

14. TRANSPORTATION INFORMATION

DOT: Not regulated
Proper shipping name Not regulated
Hazard Class Not regulated

IATA Not regulated
IMDG Not regulated
ADR Not regulated
ADN Not regulated

15. REGULATORY INFORMATION

There are no safety, health and environmental regulations/legislation specific for the substance or mixture. Preparation does not contain ingredients listed as a dangerous substance in Annex 1 of the EEC directive 67/548.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

US State Right-to-Know Regulations

This product does not contain any substance above threshold limits that are regulated by State right-to-know.

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)	HEALTH	1
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	B

HMIS ratings (scale 0-4)

The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. The manufacturer/supplier makes no representations as to the completeness or accuracy thereof.

The health hazards given on the Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer/supplier be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either expressed or implied, of merchantability or fitness for a particular use are made hereunder with respect to this information or the product to which information refers.

Revision Date: 9/1/18

End SDS.