

Bulk

.....
APOTHECARY

Safety Data Sheet Bentonite Clay

SECTION 1: Identification

1.1 Product identifier

Product name	Bentonite Clay
Product number	clay-1
Brand	Bulk Apothecary

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
Telephone	1-888-728-7612
email	sales@bulkapothecary.com

1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

SECTION 2: Hazard identification

General hazard statement

This product does meet the definition of a hazardous

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H350

May cause cancer [route]

Precautionary statement(s)

P201

Obtain special instructions before use.

Safety Data Sheet

Bentonite Clay

P202
P280
P308+P311
P405
P501

Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
IF exposed or concerned: Call a POISON CENTER/doctor/...
Store locked up.
Dispose of contents/container to in accordance with local regulations.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Silica, crystalline

Concentration	< 2 % (weight)
EC no.	238-878-4
CAS no.	14808-60-7

2. Bentonite (w/o crystalline silica)

Concentration	95 - 100 % (weight)
EC no.	215-108-5
CAS no.	1302-78-9

3. Silica

Concentration	2 % (weight)
EC no.	231-545-4
CAS no.	7631-86-9

- Carcinogenicity Category 1

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
In case of skin contact	Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.
In case of eye contact	If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Seek medical attention if irritation persists.
If swallowed	If product is swallowed, call physician or poison center if you feel unwell. If professional advice is not available, do not induce vomiting. Never induce vomiting or give dilutents (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.

Safety Data Sheet

Bentonite Clay

4.2 Most important symptoms/effects, acute and delayed

Contact with skin, eyes, and respiratory system may cause irritation.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptoms and eliminate overexposure.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Water spray, foam, Halon, Carbon Dioxide, Dry Chemical.

5.2 Specific hazards arising from the chemical

Irritating and toxic fumes may be produced at high temperatures. Use of water may result in the formation of a toxic aqueous solution. Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Special protective actions for fire-fighters

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) 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 run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

6.2 Environmental precautions

If water is introduced, construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

6.3 Methods and materials for containment and cleaning up

Collect material via broom or mop. Place in tightly sealed containers for proper disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

To prevent skin contact under the foreseeable conditions of use, wear appropriate safety gloves. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Minimize dust generation and accumulation.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Silica, crystalline (CAS: 14808-60-7 EC: 238-878-4)

PEL-TWA (Inhalation): 10 mg/m³ / (% Silica + 2) respirable 30 mg/m³ / (% Silica + 2) total (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

Safety Data Sheet

Bentonite Clay

PEL (Inhalation): 0.05 mg/m³ (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca 0.05 mg/m³ (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 0.025 mg/m³ (resp.) for α-quartz and cristobalite (ACGIH)

2. Silica (CAS: 7631-86-9 EC: 231-545-4)

PEL-TWA (Inhalation): 20 Million particles per cubic foot (OSHA)
Table Z-3 Mineral Dusts.

PEL-TWA (Inhalation): 80mg/m³ / %SiO₂ (OSHA)
Table Z-3 Mineral Dusts

PEL-TWA (Inhalation): 6 mg/m³ (Total); 3 mg/m³ (Res) (Cal/OSHA)

REL-TWA (Inhalation): 6 mg/m³ (NIOSH)

8.2 Appropriate engineering controls

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses or goggles are recommended.

Body protection

Use body protection appropriate to task being performed.

Respiratory protection

Not required for properly ventilated areas.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	light tan to gray dry powder
Odor	Odorless
Odor threshold	
pH	
Melting point/freezing point	Not Applicable
Initial boiling point and boiling range	
Flash point	Not Applicable
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	

Safety Data Sheet

Bentonite Clay

Oxidizing properties

SECTION 10: Stability and reactivity

10.1 Reactivity

This product is not reactive.

10.2 Chemical stability

Stable under conditions of normal storage and use.

10.3 Possibility of hazardous reactions

Will not occur.

10.5 Incompatible materials

Silica: Strong oxidizing agents

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

May cause irritation.

Serious eye damage/irritation

May cause irritation.

Respiratory or skin sensitization

May cause irritation.

Carcinogenicity

May cause cancer

SECTION 12: Ecological information

Toxicity

No data available

SECTION 13: Disposal considerations

Disposal of the product

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

SECTION 14: Transport information

DOT (US)

Non-Regulated Material

IMDG

Safety Data Sheet

Bentonite Clay

Non-Regulated Material

IATA

Non-Regulated Material

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Common name: SILICA, QUARTZ

CAS number: 14808-60-7

Massachusetts Right To Know Components

Chemical name: Quartz

CAS number: 14808-60-7

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.

Quartz

CAS-No. 14808-60-7

Pennsylvania Right To Know Components

Chemical name: Quartz

CAS number: 14808-60-7

California Prop. 65 components

Chemical name: Silica, crystalline

CAS number: 14808-60-7

10/01/1988 - cancer

New Jersey Right To Know Components

Bentonite

CAS-No. 1302-78-9

Pennsylvania Right To Know Components

Bentonite

CAS-No. 1302-78-9

New Jersey Right To Know Components

Silicon dioxide

CAS-No. 7631-86-9

Massachusetts Right To Know Components

Silicon dioxide

CAS-No. 7631-86-9

Pennsylvania Right To Know Components

Silicon dioxide

CAS-No. 7631-86-9

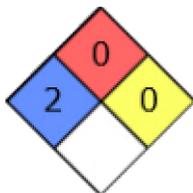
Safety Data Sheet

Bentonite Clay

HMIS Rating

Bentonite Clay	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

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