



BUILDING VISION AND VARIETY

Date: 1/1/2020

Product Code

SAFETY DATA SHEET

1. Identification

Product Name: Supreme™ B81 Bleaching Clay

Product Code: B81

SDS Date: 1/1/2020

Address: BVV
1251 Frontenac Rd. Ste 150
Naperville IL 60563

Phone: (331) 281-0154

CHEMTEL: (800) 255-3924

2. Hazard(s) Identification

GHS Hazard Classification

Health: Specific Target Organ Toxicity- Single Exposure- Category 3
Environmental: Not Hazardous
Physical: Not Hazardous

Pictogram



Signal Word: Danger

Hazard Statement

H335- May Cause respiratory irritation

Prevention Statement

P261- Avoid Breathing Dust

Response Statement

P304+P340- IF INHALED: Remove persons to fresh air and keep comfortable for breathing.

Storage Statement

Store in a dry area

Disposal Statement

P501-Dispose of contents/container in accordance with all local and national regulations.

Hazards Not Otherwise Classified: None.

3. Composition/Information On Ingredients

Name	CAS#	%	GHS Classification
Fullers Earth (Attapulgite-type clay)	8031-18-3	<100%	
Sulfuric Acid	7664-93-9	<5%	

4. First-aid Measures

If Inhaled:

Move to fresh air. If irritation or other symptoms occurs, get medical attention.

In Case of Skin Contact:

No first aid should be needed

In Case of Eye Contact:

Immediately flush eyes with cool running water, lifting upper and lower lids. If irritation persists or for foreign body in the eye, get medical attention.

If Swallowed:

If used material is ingested, get medical attention due to possibility of chemical contamination. If large amount of unused material is swallowed, get immediate medical attention.

Most Important Symptoms and Effects, Both Acute and Delayed:

Eye contact may cause mechanical irritation and possible eye irritation. May cause mechanical skin and respiratory irritation.

Indications of Any Immediate Medical Attention and Special Treatment Needed:

No immediate medical attention is required.

5. Fire-fighting Measures

Extinguishing Media:

Use media that is appropriate for surrounding fire; unused product is not combustible.

Special Hazards Arising from the Chemical:

No specific hazards are known.

Special Firefighting Procedure:

Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces.

6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

No special equipment is generally required for spill clean-up. For dusty conditions, an approved respirator may be needed. Refer to Section 8 for additional information.

Environmental Hazards:

Report releases as required by local and federal regulations.

Methods and Material for Containment and Cleaning Up:

Sweep up and collect unused material for re-use or disposal. For dusty conditions, an approved respirator may be needed. Refer to Section 8 for additional information.

7. Handling and Storage

Safe Handling:

Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and

water after use. If clothing becomes dusty, launder before re-use. Use only with adequate ventilation. Minimize the generation and accumulation of dust. Follow good housekeeping practices to keep surfaces, including areas overhead such as piping, drop ceilings, ductwork, etc. free from settled dust. Dry powders can build static electricity charges when subjected to friction to transfer and in mixing operations.

Safe Storage:

Store in a dry area. Keep away from turpentine, hydrofluoric acid, vegetable oil, and other unsaturated organic compounds (such as fish oil), as this may generate heat and/or fire.

8. Exposure Controls/Personal Protection

Name	Exposure Limits	
Fullers Earth (Attapulgite-type Clay)	15/mg/3 ³ (total dust) TWA OSHA PEL mg/m ³ (respirable dust) TWA OSHA PEL	5
Sulfuric Acid	0.2 mg/m ³ (thoracic fraction) TWA ACGHI TLV mg/m ³ TWA OSHA PEL	1

Ventilation and Engineering Control:

General ventilation is adequate for normal use. If handling produces airborne dust, local exhaust ventilation may be needed.

Eye/Face Protection:

Safety goggles if needed to prevent eye contact

Skin Protection:

No special skin protection needed for normal use.

Respiratory Protection:

No respiratory protection required for normal use. For operations where the dust concentration may be excessive, a dust respirator may be used. Follow OSHA regulations in the selection and use of respiratory protection.

9. Physical and Chemical Properties

Physical State:	Fullers Earth (Attapulgite-type clay)	Powder
Odor:	Fullers Earth (Attapulgite-type clay)	Odorless
Odor Threshold (PPM):	Fullers Earth (Attapulgite-type clay)	Not Applicable
Appearance/Color:	Fullers Earth (Attapulgite-type clay)	Gray to Tan Powder
pH:	Fullers Earth (Attapulgite-type clay)	5-Feb
Melting/Freezing Point (°F)	Fullers Earth (Attapulgite-type clay)	Not Available
Boiling Point (°F)	Fullers Earth (Attapulgite-type clay)	Not Applicable
Flash Point (°F)	Fullers Earth (Attapulgite-type clay)	Not Applicable
Evaporation Rate (nBuAc=1)	Fullers Earth (Attapulgite-type clay)	Not Applicable
Flammability (solid/gas)	Fullers Earth (Attapulgite-type clay)	Not Flammable
Flammable Limits (in air by volume, %)	Fullers Earth (Attapulgite-type clay)	LEL (Lower): Not Applicable UEL (Upper): Not Applicable
Vapor Pressure (mmHg)	Fullers Earth (Attapulgite-type clay)	Not Applicable
Vapor Density (Air=1)	Fullers Earth (Attapulgite-type clay)	Not Applicable
Relative Density	Fullers Earth (Attapulgite-type clay)	2.2
Solubility in Water (%)	Fullers Earth (Attapulgite-type clay)	Partially Soluble

Partition Coefficient: octanol water	n- Fullers Earth (Attapulgite-type clay)	Not Available
Autoignition Temperature	Fullers Earth (Attapulgite-type clay)	Not Available
Decomposition Temperature	Fullers Earth (Attapulgite-type clay)	Not Available
Viscosity	Fullers Earth (Attapulgite-type clay)	Not Applicable
Explosive Properties	Fullers Earth (Attapulgite-type clay)	Not Applicable
Oxidizing Properties	Fullers Earth (Attapulgite-type clay)	Not Applicable
Specific Gravity 4°c (Water=1)	Fullers Earth (Attapulgite-type clay)	Not Applicable

10. Stability and Reactivity

Reactivity:	Not normally reactive
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	Spontaneous combustion can occur when this product is used to absorb turpentine, vegetable oil or other unsaturated organic compounds (such as fish oil). Do not use this material with these compounds without proper procedures, as described in section 13. Spontaneous combustion can occur when this product is used to absorb hydrofluoric acid; do not use this product with hydrofluoric acid.
Conditions to Avoid:	No conditions to avoid have been established.
Incompatible Materials:	Turpentine, hydrofluoric acid, vegetable oil, fish oil, unsaturated organic compounds.
Hazardous Decomposition Products:	No hazardous decompositions products.

11. Toxicological Information

Toxicity Data:	
Inhalation:	Inhalation of dust may cause irritation to the eyes, nose, throat and respiratory tract.
Skin Contact:	No known skin contact effects.
Eye Contact:	Contact may cause mechanical, abrasive irritation with possible injury.
Ingestion:	No known ingestion hazard.
Carcinogenicity:	No carcinogenicity.
Chronic Effects:	Inhalation of excessive concentrations of any dust, including this material, may lead to lung irritation and/or injury.
Acute Toxicity Values:	No acute toxicity values.

12. Ecological Information

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

Ecotoxicity:	No data available for the product. No adverse effects on the environment are expected.
Persistence and Degradability:	Fuller's Earth is non degradable
Bioaccumulative Potential:	Not bioaccumulative.
Mobility in Soil:	No data available for the product.
Other Adverse Effects:	No other adverse effects are known.

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 other unsaturated organic compounds is known to spontaneously combust. Procedures for handling spent clay as follows: Landfills: To suppress spontaneous combustion, heat can be dissipated by spreading out the clay and/or spraying with water. Cover spent clay with non-combustibles. Plate Use: When purging the filter cake of excess oil before cleaning the filter press, excessive blowing with air can cause spontaneous combustion.

14. Transportation Information

Proper Shipping Name:	Not Regulated
Hazard Class	Not Regulated
Identification Number:	Not Regulated
Packing Group:	Not Regulated
Label	Not Regulated
Ship:	Not Regulated

15. Regulatory Information

SARA 311/312	Chronic Health
SARA 313	No SARA 313 Chemicals
SARA 302	No SARA 302 Chemicals
U.S. CERCLA REPORTABLE QUANTITY (RQ):	Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center. The RQ for the product, based on the the RQ for Sulfuric Acid (5% maximum) of the 1000 lbs, is 20,000lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
California PROP 65	This product contains a chemical (Quartz) known to the state of California to cause cancer. Quartz is a form of crystalline silica.
TSCA	All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

EU Reach	Contact manufacturer for information on REACH status.
Japan MITI	No Japan MITI data available.
AICS	No AICS data available.

16. Other Information, Including Date of Preparation or Last Revision

SDS Date:

Disclaimer: The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. OIL-DRI CORPORATION OF AMERICA MAKES NO WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO THE PRODUCT and assumes no responsibility for any risk or liability arising