



BUILDING VISION AND VARIETY

Date: 3/1/2019

Product Code

SAFETY DATA SHEET

1. Identification

Product Name: Activated Bentonite Clay T5
Product Code:
SDS Date: 3/1/2019
Use: Adsorbent, filter aid, food oil purification

Address: BVV
1251 Frontenac Rd. Ste 150
Naperville IL 60563
Phone: (331) 281-0154

CHEMTEL: (800) 255-3924

2. Hazard(s) Identification

Classification of the Mixture: This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 and WHMIS 2015.

Component(s) Contributing to Classifications(s): Silica

GHS Hazard Classification

Carcinogenicity Category 1
Specific Target Organ Toxicity – Repeated Exposure Category 1 (Inhalation)

Pictogram



Signal Word Danger

Hazard Statement

H350: May cause cancer
H372: Causes damage to organs through prolonged or repeated exposure.

Prevention Statement

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statement

P308+P313: IF exposed or concerned: Get medical advice/attention.
P314: Get medical advice/attention if you feel unwell.

Storage Statement

P405: Store locked up.

Disposal Statement

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified:

None applicable.

3. Composition/Information On Ingredients

Name	CAS #	WT%	GHD Classification
Silica	14808-60-7	1-5%	STOT RE 1, CARC CAT 1

4. First-aid Measures

Description of First Aid Measures:

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.

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 after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before re-use.

In Case of Eye Contact:

If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

If Swallowed:

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (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.

Most Important Symptoms and Effects, Both Acute and Delayed:

Dust may cause mechanical eye irritation. Contains a chemical which is documented as a cancer hazard.

Medical Conditions Aggravated by Exposure:

This material or its emissions may aggravate pre-existing disorders involving any target organs mentioned in this Safety Data Sheet as being at risk.

Indication of Immediate Medical Attention and Special Treatment Needed:

Treat symptoms and reduce over-exposure.

5. Fire-fighting Measures

Extinguishing Media:

Water, Dry powder / dry sand, alcohol-resistant foam, dry chemical or CO2.

Special Hazards Arising from the Chemical:

None known.
Explosion Sensitivity to Mechanical Impact: Not Sensitive.
Explosion Sensitivity to Static Discharge: Not Sensitive.
Minimum Ignition Energy (M.I.E.): No Data at this time

Special Firefighting Procedure:

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

6. Accidental Release Measures

Environmental Precautions:

Do not let product enter drains, do not allow to sewers/surface or ground water. See Section 12, Ecological information.

Methods and Materials for Containment and Clean Up:

Pick up released product with appropriate implements & return to original container if reusable, or dispose. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

Small Spill:

Sweep or vacuum material. Transfer to secondary container to be properly disposed.

Large Spill:

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers. Notify proper authorities that a spill has occurred.

7. Handling and Storage

General Procedures:

Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feeding stuffs.

Safe Handling:

Avoid dust formation. Provide sufficient air exchange and/or exhaust in work rooms. In case of insufficient ventilation, wear suitable respiratory equipment. For personal protection see section 8. Handle and open container with care. If you require advice on safe handling techniques or specific uses, please contact your supplier or check the further information referred to in section 16.

Safe Storage:

Keep only in the original container. Keep containers tightly closed in a cool, well-ventilated place.

Specific End Uses:

Adsorbent, filter aid, food oil purification

8. Exposure Controls/Personal Protection

Name	CAS
Silica	14808-60-7
OSHA	ACGIH
0.05 mg/m ³	0.025 mg/m ³

Ventilation and Engineering Control:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

Eye/Face Protection:

Safety glasses are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

Skin Protection:

Use protective gloves as appropriate to minimize skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

Body Protection:

Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

Respiratory Protection:

Maintain airborne contaminant concentrations below guidelines listed above, if applicable.

Exposure Controls:

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

9. Physical and Chemical Properties

Physical State:	Silica	Solid (powder)
Appearance:	Silica	Beige powder
Odor:	Silica	Odorless
Odor Threshold:	Silica	Not Available
pH:	Silica	6-7
Melting/Freezing Point:	Silica	Not Applicable
Initial Boiling Point/Range:	Silica	Not Applicable
Flash Point:	Silica	Not Applicable
Evaporation Rate:	Silica	Not Available
Flammability:	Silica	Not Applicable
Flammable Limits:	Silica	Not Applicable
Explosive Properties:	Silica	Not Applicable
Oxidising Properties:	Silica	Not Applicable
Vapor Pressure:	Silica	Not Applicable c
Vapor Density:	Silica	Not Available 0.9
Relative Density:	Silica	g/l (at 20 °C) Not
Water Solubility:	Silica	Not Applicable
Partition Coefficient:	Silica	Not Applicable
Auto Ignition Temp:	Silica	Not Applicable
Decomposition Temp:	Silica	Not Applicable
Viscosity:	Silica	Not Applicable
Specific Gravity 4°C (Water=1)	Silica	Not Available
Density:	Silica	0.5 - 0.7 g/cm ³
VOC:	Silica	Not Applicable
Weight Per Gallon:	Silica	Not Applicable

10. Stability and Reactivity

Reactivity:	No Data is Available
Chemical Stability:	Product is stable under recommended storage conditions.
Possibility of Hazardous Reactions:	No Data is Available
Conditions to Avoid:	No Data is Available
Incompatible Materials:	No Data is Available

Hazardous Decomposition
Products:

No Data is Available

11. Toxicological Information

Name: Silica LD50 Oral – Rat > 5000 mg/kg	CAS: 14808-60-7
Irritancy of Product:	Exposure with this product can be irritating to exposed skin and eyes.
Aspiration Hazard:	This product is not anticipated to be an aspiration hazard.
Sensitization of Product:	This product is not considered a skin sensitizer.
Germ Cell Mutagenicity:	This product does not contain components which are documented as Germ Cell Mutagenicity hazards.
Carcinogenicity:	Ingredients within this product are found on the following lists: FEDERAL OSHA Z LIST, NTP,IARC, or CAL/OSHA and therefore are considered to be, or suspected to be, cancer-causing agents by these agencies.
Reproductive:	This product does not contain components which are documented as reproductive hazards.
Specific Target Organ Toxicity- Single Exposure:	No specific data available for this product.
Specific Target Organ Toxicity- Repeated Exposure:	No specific data available for this product.

12. Ecological Information

Name	CAS	Toxicity
Bentonite Dust	Not Assigned	No specific data available on this product.
Persistence and Degradability:		No specific data available on this product.
Bioaccumulative Potential:		No specific data available on this product.
Mobility in Soil:		No specific data available on this product.
Results of PBT and vPvB assessment:		No specific data available on this product.
Other adverse effects:		No specific data available on this product.

13. Disposal Considerations

Product Disposal:

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

Comments:

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of

environmental protection and waste disposal legislation and any regional/local authority requirements.

14. Transportation Information

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

15. Regulatory Information

Name	CAS
Silica	14808-60-7
SARA 302/304/313	This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.
TSCA	All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.
CERCLA	CERCLA Reportable Quantity RQ: None
Clean Water Act	None of the chemicals in this product are listed as Hazardous Substances under the CWA.
SARA 311/312	Acute Health: Yes Chronic Health: Yes Fire: No Reactivity: No
PROP 65	WARNING! This product can expose you to Quartz, which is known to the State of California to be a to cause cancer. For more information, go to WWW.P65Warning.ca.gov .
State Regulations	None.
Canadian Regulations:	
Canadian DSL/NDSL Inventory Status	All of the components of this product are on the DSL Inventory
Canadian Environmental Protection Act (CEPA) Priorities Substances List	No component of this product is on the CEPA First Priorities Substance Lists.
Canadian WHMIS Classification and Symbols	This product is categorized as per WHMIS 2015 Controlled Product Regulations.

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

SDS Date:

3/1/2019

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