



SAFETY DATA SHEET

1. Identification

Product Name: Activated Bleaching Clay T- 41

Product Code:

SDS Date: 18-May-18

Use: Adsorbent, Filtration

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

Phone: (331) 281-0154

CHEMTEL: (800) 255-3924

2. Hazard(s) Identification

GHS Classification

This product does not meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 and WHMIS 2015

Pictogram: None Applicable

Signal Word: None Applicable

Hazard Statement: None Applicable

Precautionary: None Applicable

Hazards Not Otherwise: None Applicable

3. Composition/Information On Ingredients

CHEMICAL NATURE: Natural bentonite, acid-leached and active carbon Bentonite, acid-leached is a UVCB substance, sub-type 4.

All ingredients are non-hazardous or below applicable cut-off levels.

4. First-aid Measures

General Advice: 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.

Indications of Any 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:

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

Advice for Firefighters

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

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.

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).

7. Handling and Storage

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General Procedures	Wash hands before breaks and at the end of workday.
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:	Minimize airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting. Activated carbon can lead to a reduction of oxygen in closed containers.

8. Exposure Controls/Personal Protection

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	Nepsi
Bentonite Dust	Not Assigned	3 mg/m ³ 10 mg/m ³

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.
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. <i>The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details</i>
Eye/Face Protection:	Safety glasses are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.
Hand 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. SECTION
Respiratory Protection:	Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

9. Physical and Chemical Properties

Appearance:	Solid (powder)	
Odor:	Odorless	
Odor Threshold:	Not Available	
pH:	2.2-8.6	
Melting/Freezing Point:	Not Applicable	

Initial Boiling Point/Range:	Not Applicable	
Flash Point:	Not Applicable	
Evaporation Rate:	Not Available	
Flammability:	Not Applicable	
Vapor Pressure:	Not Applicable	
Vapor Density:	Not Applicable	
Relative Density:	Not Available	
Water Solubility:	<0.9 g/l (at 20 °C)	
Partition Coefficient:	Not Applicable	
Auto Ignition Temp:	Not Applicable	
Decomposition Temp:	Not Applicable	
Viscosity:	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 available.
Conditions to Avoid:	Forms slippery/greasy layers with water.
Incompatible Materials:	Keep away from oxidizing agents. Avoid storing together with materials that may be affected by dust.
Hazardous Decomposition Products:	No data available.

11. Toxicological Information

Information on Toxicological Effects	
Toxicity Data:	No specific data for this product.
Potential Health Hazards Risks For Exposure:	
Irritancy Of Product	Exposure with this product can be irritating to exposed eyes.
Sensitization Of Product	This product is not considered a skin sensitizer.
Respiratory or Skin Sensitization:	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 not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor 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.

Aspiration Hazard

This product is not anticipated to be an aspiration hazard.

12. Ecological Information

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

Toxicity	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:

Can be disposed of as solid waste in a suitable installation subject to the Environmental Protection (Duty of Care) Regulations. Avoid dust formation. Where possible recycling is preferred to disposal or incineration.

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 byproducts 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

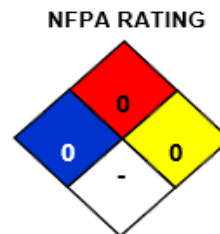
15. Regulatory Information

Name	CAS
United States Regulations	
SARA Reporting Requirement	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
SARA 311/312	Acute Health: No Chronic Health: No Fire: No Reactivity: No
PROP 65	This product does not contain chemicals on the Prop 65 list.
State Regulations	None.
Canadian Regulations	
DSL/NDSL Inventory Status	All of the components of this product are on the DSL Inventory
Canadian Environmental Protection ACT (CEPA) Priorities Substances Lists	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. SECTION

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

HMIS RATING	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



Caution: HMIS and NFPA ratings are based on a 0-4 rating scale
0= Minimal Hazard, 1= Slight, 2= Moderate, 3= High, 4= Extreme

General Statements

AIHA	American Industrial Hygiene Association
ACGIH	American Conference of Governmental Industrial Hygienists
CASRN	Chemical Abstract Services Registry Number
CFR	Code of Federal Regulations
D.O.T.	United States Department of Transportation
IARC	International Agency for Research on Cancer
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
PPM	Parts per million
mg/m3	milligram per cubic meter
kg	kilogram
L or l	Liter
n.o.s.	not otherwise specified
Lbs.	Pounds
mm2/s	millimeters squared per second
PMCC	Pensky-Martens Closed Cup

LC50	Lethal Concentration 50 (concentration in water having a 50% chance of causing death to aquatic life)
EC50	Effective Concentration that causes 50% inhibition in growth or mobilization
SOCM	Synthetic Organic Chemical Manufacturing Industry
OECD	Organization for Economic Cooperation and Development
VOC	Volatile Organic Compound

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SDS Date: 18-May-18

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