



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Attapulgit, Colloidal Activated USP

30-2405

Section 1: Identification

Product Name Attapulgit, Colloidal Activated USP
Commercial Name Not available.
Product Use Chemical Industry; pharmaceutical industry
Restrictions On Use Not available

Product Code 30-2405

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available.
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available
Response Not available
Storage Not available
Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Mixture
Components Fuller's earth, Crystalline silica
% By Weight Fuller's earth:90.0-99.0%, Crystalline silica:1.0-10.0%
CAS# 8031-18-3, 14808-60-
Molecular Weight Not applicable.
Chemical Formula (Mg,Al)₅Sis₀22(OH)₄ & SiO₂(Mg,Al)_sSis₀22(OH)₄.4H₂O
Synonym(s) Attapulgit Clay

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Fuller's earth	8031-18-3	90.0-99.0%	N/A	N/A
crystalline silica	14808-60-7	1.0-10.0%	N/A	N/A

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Section 4: First-Aid Measures

Inhalation	If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, seek medical attention.
Eye Contact	Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.
Ingestion	Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.

Immediate Medical Attention

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

dry powder, foam

Unsuitable Extinguishing Media

Carbon dioxide.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid dust formation. Avoid prolonged inhalation. Ensure adequate ventilation. Use personal protective clothing. Environmental precautions: Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater. Methods and material for containment and cleaning up: For small amounts: Pick up with suitable appliance and dispose of. For large amounts: Contain with dust binding material and dispose of. Avoid raising dust

Section 7: Handling and Storage

Precautions for safe handling: Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin and eyes. See American Society for Testing and Materials (ASTM) Standard Practice E1132-99a, 'Standard Practice for Health Requirements Relating to Occupational Exposure to Respirable Crystalline Silica.' Protection against fire and explosion: No special precautions necessary. Conditions for safe storage, including any incompatibilities: Further information on storage conditions: Keep container tightly closed and dry; store in a cool place. Storage stability: Contents are stable at room temperature.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	crystalline silica OSHA PEL TWA value 0.1 mg/m3 Respirable dust ; TWA value 2.4 millions of particles per cubic foot of air Respirable ; The exposure limit is calculated from the equation, $250/(\%SiO_2+5)$, using a value of 100% SiO ₂ . Lower percentages of SiO ₂ will yield higher exposure limits. TWA value 0.1 mg/m3 Respirable ; The exposure limit is calculated from the equation, $10mg/m^3/(\%SiO_2+2)$, using a value of 100% SiO ₂ . Lower percentages of SiO ₂ will yield higher exposure limits. ACGIH TLV TWA value 0.025 mg/m3 Respirable fraction
Engineering Controls	Not available.

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Personal Protection

Respiratory protection: When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators. Wear a NIOSH-certified (or equivalent) particulate respirator. Observe OSHA regulations for respirator use (29 CFR 1910.134). Hand protection: Chemical resistant protective gloves. Eye protection: Safety glasses with side-shields. Body protection: Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit. General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. In order to prevent contamination while handling, closed working clothes and working gloves should be used.

Section 9: Physical and Chemical Properties

Appearance	Tan powder, granules		
Odor	Odorless.		
Odor Threshold	Not available		
Melting Point	>1,000C	pH	8-9.5
Freezing Point	Not available	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	The product is a non-volatile solid.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Non-flammable	Autoignition temperature	Not applicable
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Insoluble in water		
Other	Bulk Density: 304 - 480 kg/m3		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	The product is stable if stored and handled as prescribed/indicated
Hazardous Polymerization	Hazardous polymerization will not occur. Hazardous reactions in presence of mentioned substances to avoid.
Conditions to Avoid	Caution: Calcined Attapulgite products are sold at 1%-9% free surface moisture depending on the grade. In contact with turpentine, vegetable oil and other unsaturated organic compounds, heat may be generated when the Attapulgite is at uncommonly low free moisture levels. Avoid dust formation. Avoid deposition of dust.
Incompatible Materials	Vegetable oils, unsaturated organic compounds.
Hazardous Decomposition Products	No hazardous decomposition products if stored and handled as prescribed/indicated.

Section 11: Toxicological Information
RTECS RT6400000

Acute Toxicity

Acute Toxicity Assessment of acute toxicity: Not expected to be acutely toxic Oral Type of value: LD50 Species: rat Value: > 5,000 mg/kg The product has not been tested. The statement has been derived from the properties of the individual components. Inhalation Type of value: LC50 Species: rat Exposure time: 4 h not determined Dermal Type of value: LD50 Species: rat not determined

Skin Corrosion/Irritation

Contact with the eyes or skin may cause mechanical irritation.

Serious Eye Damage/Irritation

Contact with the eyes or skin may cause mechanical irritation.

Respiratory or Skin Sensitization

Not expected to cause skin sensitization.

Germ Cell Mutagenicity

Not available

Carcinogenicity

The International Agency for Research on Cancer (IARC) has classed this substance as a Group 1 (known) human carcinogen. NTP listed carcinogen

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Reproductive Toxicity

Not available

Routes of Entry

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Symptoms Related to Exposure

Not available

Potential Health Effects

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Target Organ(s) Not available**Section 12: Ecological Information****Ecotoxicity**

At the present state of knowledge, no negative ecological effects are expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and Degradability

Inorganic product which cannot be eliminated from water by biological purification processes.

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Disposal of Container

Dispose of in a licensed facility. Empty containers or liners may retain product residues. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Registration status: Chemical TSCA, US released / listed EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product. State regulations State RTK CAS Number Chemical name MA 14808-60-7 crystalline silica Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65: WARNING: This product can expose you to chemicals including SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE), which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov. NFPA Hazard codes: Health: 1 Fire: 0 Reactivity: 0 Special:

Other

Not available.

Section 16: Other Information

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HMIS III rating Health: 0 Inflammability: 0 Physical hazard: 0 NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals. We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.