Safety Data Sheet

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

Section 1: Identification

Product Name Attapulgite, Colloidal Activated USP
Commercial Name Not available.
Product Use Chemical 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: CFR 1910.1200 Not available.

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 & Si02(Mg,Al)sSis022(OH)4.4H20
Synonym(s) Attapulgite 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

Section 4: First-Aid Measures

Inhalation If difficulties occur after dust has been inhaled, remove to fresh air adn 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 vailable.

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

Suitable extinguishing media: dry powder, foam

Unsuitable Extinguishing Media

Carbon dioxide.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

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/(%SiO2+5), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits. TWA value 0.1 mg/m3 Respirable ; The exposure limit is calculated from the equation, 10mg/m3)/(%SiO2+2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits. ACGIH TLV TWA value 0.025 mg/m3 Respirable fraction

Engineering Controls Not available.

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

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.

Persistance 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

HMIS III rating Health: In Flammability: 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.