



## Safety Data Sheet

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

Bentonite NF Powder

30-1195

### Section 1: Identification

**Product Name** Bentonite NF Powder  
**Commercial Name** N/A  
**Product Use** Not available  
**Restrictions On Use** Not available  
**Product Code** 30-1195  
**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:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
**CFR 1910.1200** 1910.1200)  
**Signal Word** DANGER

**Hazard Statement(s)** May cause cancer. Causes damage to organs through prolonged or repeated exposure  
**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** Bentonite. Naturally occurring crystalline silica  
**% By Weight** Bentonite:100%, Naturally occurring crystalline silica:<6%  
**CAS#** 1302-78-9  
**Molecular Weight** Not available.  
**Chemical Formula** (Al,Fe1.67Mg.33)Si10(OH)2Na(+)Ca( )/2.33  
**Synonym(s)** Not available.

#### Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Bentonite	1302-78-9	100	TWA: 10 (mg/m3)	Not available.
Naturally occurring crystalline silica	N/A	<6%		

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Remove to fresh air. Get medical attention. If not breathing, give artificial respiration.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Get medical attention
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available
<b>Delayed</b>	Not available
<b>Immediate Medical Attention</b>	
Treat symptomatically	

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

Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

**Unsuitable Extinguishing Media**

Keep product and empty container away from heat and sources of ignition.

**Products of Combustion**

None known.

**Firefighters Special Equipment and Precautions**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Section 6: Accidental Release Measures**

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation. Avoid contact with skin, eyes or clothing. Environmental Precautions: Should not be released into the environment. See Section 12 for additional Ecological Information. Methods for Containment and Clean Up: Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Provide adequate ventilation

**Section 7: Handling and Storage**

Handling: Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation. Handle under inert gas, protect from moisture. Storage.: Keep container tightly closed in a dry and well-ventilated place. Store under an inert atmosphere. Incompatible Materials. Strong oxidizing agents. Strong acids.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	ACGIH TLV: TWA: 1 mg/m <sup>3</sup>
<b>Engineering Controls</b>	None under normal use conditions
<b>Personal Protection</b>	Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure. Respiratory Protection: No protective equipment is needed under normal use conditions. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Beige solid.		
<b>Odor</b>	Odorless.		
<b>Odor Threshold</b>	Not available		
<b>Melting Point</b>	Not available	<b>pH</b>	Not available
<b>Freezing Point</b>	Not available	<b>Vapor Pressure</b>	Not applicable.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available	<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	Not available	<b>Autoignition temperature</b>	Not available
<b>Flammability</b>	Not available	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	not available
		<b>Upper</b>	Not available
<b>Solubility(ies)</b>	Insoluble in water		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Will not occur
<b>Chemical Stability</b>	Hygroscopic. Moisture sensitive
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	Incompatible products. Excess heat. Avoid dust formation. Exposure to moist air or water.
<b>Incompatible Materials</b>	Strong oxidizing agents, Strong acids
<b>Hazardous Decomposition Products</b>	None known

**Section 11: Toxicological Information**

<b>RTECS</b>	CT9450000
<b>Acute Toxicity</b>	
LD50 Oral: LD50 > 5000 mg/kg ( Rat )	
<b>Skin Corrosion/Irritation</b>	
Irritating to eyes, respiratory system and skin	
<b>Serious Eye Damage/Irritation</b>	
Irritating to eyes, respiratory system and skin	
<b>Respiratory or Skin Sensitization</b>	
Irritating to eyes, respiratory system and skin	
<b>Germ Cell Mutagenicity</b>	
Not available	
<b>Carcinogenicity</b>	
Possible cancer hazard. May cause cancer based on animal data	
<b>Reproductive Toxicity</b>	
Not available	
<b>Routes of Entry</b>	
Irritating to eyes, respiratory system and skin	



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### Symptoms Related to Exposure

Not available

### Potential Health Effects

Not available

### Target Organ(s)

Not available

## Section 12: Ecological Information

### Ecotoxicity

Do not empty into drains. Do not flush into surface water or sanitary sewer system.

### Persistence and Degradability

Insoluble in water

### Bioaccumulative Potential

Not available

### Mobility in Soil

Is not likely mobile in the environment due its low water solubility.

### Other Adverse Effects

Not available

## Section 13: Disposal Considerations

### Waste Disposal

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

### Disposal of Container

Not available

### 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

SARA 313 Not applicable SARA 311/312 Hazard Categories See section 2 for more information CWA (Clean Water Act) Not applicable Clean Air Act Not applicable OSHA - Occupational Safety and Health Administration Not applicable CERCLA Not applicable California Proposition 65 This product does not contain any Proposition 65 chemicals. U.S. State Right-to-Know Regulations Not applicable U.S. Department of Transportation Reportable Quantity (RQ): N DOT Marine Pollutant N DOT Severe Marine Pollutant N U.S. Department of Homeland Security This product does not contain any DHS chemicals

### Other

WHMIS CLASS D-2A: Material causing other toxic (Canada) effects (VERY TOXIC).;DSCL (EEC) R36- Irritating to eyes.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.;Splash goggles.

## Section 16: Other Information

Not available