



Safety Data Sheet

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

Calcium Hydroxyapatite

30-2876

Section 1: Identification

Product Name Calcium Hydroxyapatite

Commercial Name Hydroxyapatite Type I

Product Use Not available.

Restrictions On Use Not available.

Product Code 30-2876

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 Substance

Components Calcium Hydroxyapatite

% By Weight 100

CAS# 1306-06-5

Molecular Weight Not available.

Chemical Formula $3\text{Ca}_3(\text{PO}_4)_2\text{Ca}(\text{OH})_2$

Synonym(s) MCHC, MCHA, Microcrystalline Hydroxyapatite, Ossein Mineral Complex, Bovine Bone Powder

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Calcium Hydroxyapatite	1306-06-5	100	N/A	Not Available



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Section 4: First-Aid Measures

Inhalation	Non toxic – no special measures required
Skin Contact	Nuisance only - wash with water
Eye Contact	Irritant only -wash with copious water
Ingestion	Non toxic - no special measures required
Symptoms/Effects	
Acute	Not available
Delayed	Not available.
Immediate Medical Attention	
Not available.	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

N/A -non flammable

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Not available.

Section 6: Accidental Release Measures

Personal precautions and emergency measures: N/A Methods for containment and clean up: Wash down with water.

Section 7: Handling and Storage

Precautions for safe handling: Dust masks. Conditions for safe storage: Non flammable. Dry stores (cool conditions) in sealed original packaging. No known incompatibilities

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available.
Personal Protection	Personal Protective Equipment Dust masks

Section 9: Physical and Chemical Properties

Appearance	Fine, free flowing creamy white powder		
Odor	Odorless		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Non flammable.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Insoluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Not available
Hazardous Polymerization	Not available.
Conditions to Avoid	Not available
Incompatible Materials	Not available.
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information

RTECS Not available.

Acute Toxicity

Not available.

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Inhalation, ingestion, skin and eye contact.

Symptoms Related to Exposure

Nuisance dust only.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

No special methods of disposal

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**

No products were found.

Other

Not available.

Section 16: Other Information

Not available.