

**Safety Data Sheet**

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

**Section 1: Identification****Product Name** Calcium Carbonate USP Precipitated Light**Commercial Name** Not available.**Product Use** Mineral Additive**Restrictions On Use** Not available**Product Code** 30-1944**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760In 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)** N/A**Pictogram(s) or Symbol(s)****Precautionary Statement(s):****Prevention** Not available**Response** Dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.**Storage** Not available**Disposal** Not available**Section 3: Composition/Information on Ingredients****Substance/Mixture** Substance**Components** Calcium carbonate**% By Weight** >98**CAS#** 471-34-1**Molecular Weight** 100.09 g/mole**Chemical Formula** CaCO<sub>3</sub>**Synonym(s)** Calcium carbonate, precipitated MC Lity ALBAFILO PCC, ViCALity ALBAGLOSO PCC, ViCALity@ Extra Light PCC, liCA,Lity®R Light PCC, Vi ALity Medium PCC, Vi Lity( Heavy PCC, ViCALiW Extra Heavy PCC, ViCALity@ Ultra Heavy PCC**Mixtures**

<b>Name</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>TLV/PEL</b>	<b>LC50/LD50</b>
Calcium carbonate	471-34-1		TWA: 5 (mg/m <sup>3</sup> ) STEL: 20 (mg/m <sup>3</sup> )	ORAL (LD50): Acute: 6450 mg/kg [Rat].

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Remove person to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop obtain medical attention.
<b>Skin Contact</b>	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Drink plenty of water. If symptoms develop, obtain medical attention.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.
<b>Delayed</b>	Dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.
<b>Immediate Medical Attention</b>	Not available.

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

Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Calcium carbonate: decomposes on heating. Thermal decomposition generates : Carbon dioxide. Calcium oxide.

**Firefighters Special Equipment and Precautions**

Do not enter fire area without proper protective equipment, including respiratory protection.

**Section 6: Accidental Release Measures**

For non-emergency personnel Emergency procedures : Ventilate area. Avoid dust formation. Avoid breathing dust. Avoid contact with skin and eyes. Evacuate unnecessary personnel. For emergency responders Protective equipment : Wear suitable protective clothing and eye or face protection. Where excessive dust may result, wear approved mask. Emergency procedures : Ventilate area. Avoid dust formation. Avoid breathing dust. Avoid contact with skin and eyes. Wear independent breathing equipment. Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if large amounts of the product enters sewers or public waters. Methods and material for containment and cleaning up For containment : Stop leak, if possible without risk. Methods for cleaning up : Minimize generation of dust. Sweep or shovel spills into appropriate container for disposal.

**Section 7: Handling and Storage**

Precautions for safe handling : Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation. Use only outdoors or in a well-ventilated area. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Incompatible materials. Keep container closed when not in use. Incompatible materials : Acids.

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

<b>Exposure Limits</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> ) 15 mg/m <sup>3</sup> (Total dust) 5 mg/m <sup>3</sup> (Respirable fraction) Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 NIOSH REL (TWA) 10 mg/m <sup>3</sup> Total dust 5 mg/m <sup>3</sup> Respirable dust Regulatory reference (US-NIOSH) Pocket Guide to Chemical Hazards
<b>Engineering Controls</b>	Appropriate engineering controls : Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded. Environmental exposure controls : Avoid release to the environment.

**Safety Data Sheet**

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

**Personal Protection**

Hand protection: In case of repeated or prolonged contact wear gloves. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough. Eye protection: Wear safety glasses with side shields. Skin and body protection: Not required for normal conditions of use. Respiratory protection: In case of insufficient ventilation and possible dust formation, wear suitable respiratory equipment. Thermal hazard protection: Not required for normal conditions of use. Other information: Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

**Safety Data Sheet**

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

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White solid. (Powdered solid.)		
<b>Odor</b>	Odorless.		
<b>Odor Threshold</b>	Not available		
<b>Melting Point</b>	Decomposes without melting	<b>pH</b>	~ 10
<b>Freezing Point</b>	Not available	<b>Vapor Pressure</b>	Not available.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	> 450 °C	<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 applicable.	<b>Autoignition temperature</b>	Not available
<b>Flammability</b>	Non-flammable	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Non-flammable
		<b>Upper</b>	Non-flammable
<b>Solubility(ies)</b>	Water: Partially soluble		
<b>Other</b>	Relative density : 2.71 (Water = 1) Explosive properties : Not explosive. Oxidizing properties : Not oxidizing.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Chemical Stability</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Hazardous Polymerization</b>	Contact with acids or strong heating liberates carbon dioxide, sometimes violently.
<b>Conditions to Avoid</b>	Heat. Dust formation.
<b>Incompatible Materials</b>	Acids
<b>Hazardous Decomposition Products</b>	Contact with acids or strong heating liberates carbon dioxide, sometimes violently. Thermal decomposition generates : Calcium oxide.

**Section 11: Toxicological Information**

<b>RTECS</b>	FF9335000
<b>Acute Toxicity</b>	LD50 oral, rat > 2000 mg/kg (OECD 420 method) LD50 dermal, rat > 2000 mg/kg (OECD 402 method) LC50 inhalation, rat (mg/l) > 3 mg/l - 4 Hours (OECD Guideline 403) for solid substance
<b>Skin Corrosion/Irritation</b>	Not classified
<b>Serious Eye Damage/Irritation</b>	Not classified
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classified
<b>Reproductive Toxicity</b>	Not classified
<b>Routes of Entry</b>	Not available.

**Safety Data Sheet**

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

**Symptoms Related to Exposure**

Dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.

**Potential Health Effects**

Not available

**Target Organ(s)**

Not available

**Section 12: Ecological Information****Ecotoxicity**

The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. LC50 fish > 100 mg/l - 96 Hours (Oncorhynchus mykiss) (OECD 203 method) EC50 Daphnia > 100 mg/l - 48 Hours (Daphnia magna) (OECD 202 method) EC50 - Other aquatic organisms [2] > 1000 mg/l 3 Hours (Activated sewage sludge)(OECD 209 method) ErC50 algae > 14 mg/l - 72 Hours (Desmodesmus subspicatus)(Growth rate, Yield)(OECD 201 method) NOEC (acute) 14 mg/l (Desmodesmus subspicatus) (OECD 201 method)

**Persistence and Degradability**

Not available

**Bioaccumulative Potential**

Not available

**Mobility in Soil**

Not available

**Other Adverse Effects**

Avoid release to the environment.

**Section 13: Disposal Considerations****Waste Disposal**

Dispose in a safe manner in accordance with local/national regulations. Ecology - waste materials : Avoid release to the environment.

**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**

Not available.

**Other**

Not available.

**Section 16: Other Information**

Not available.