



## Safety Data Sheet

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

Inositol FCC

30-4410

### Section 1: Identification

**Product Name** Inositol FCC  
**Commercial Name** Not available.  
**Product Use** Not available  
**Restrictions On Use** Not available.

**Product Code** 30-4410

**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** Inositol FCC  
**% By Weight** 100  
**CAS#** 87-89-8  
**Molecular Weight** 180.16  
**Chemical Formula** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**Synonym(s)** Hexahydroxycyclohexane; Cyclohexanehexol; meso-Inositol; myo-Inositol; Mesol; Myoinositol; Phaseomannitol; Phaseomannite 1,2,3,4,5,6-Hexahydroxycyclohexane

#### Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Inositol FCC	87-89-8	100	Not available	Not available

**Section 4: First-Aid Measures**

<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>Skin Contact</b>	Wash off with soap and plenty of water.
<b>Eye Contact</b>	Flush eyes with water as a precaution.
<b>Ingestion</b>	Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical treatment
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available
<b>Delayed</b>	Not available.
<b>Immediate Medical Attention</b>	
Not available.	

**Section 5: Fire-Fighting Measures**

<b>Suitable Extinguishing Media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable Extinguishing Media</b>	Not available.
<b>Products of Combustion</b>	Carbon oxides
<b>Firefighters Special Equipment and Precautions</b>	Wear self-contained breathing apparatus for firefighting if necessary.

**Section 6: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures : Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8. Environmental precautions: No special environmental precautions required. Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Section 7: Handling and Storage**

Information for safe handling: Prevent from formation dust. Ensure good ventilation/exhaustion at the workplace Information about fire-and explosion protection: Keep ignition sources away-Do not smoke. Normal measures for preventive fire protection. Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from flammable substances, store away from oxidizing agents

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

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	General industrial hygiene practice.
<b>Personal Protection</b>	Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards. Hands protection: Handle with gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use dust masks. Use respirators and components tested and approved under appropriate government standards Control of environmental exposure No special environmental precautions required.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White crystalline powder.		
<b>Odor</b>	Odourless		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	224 -227 °C	<b>pH</b>	Not available
<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>	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>	Not available		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization</b>	Not available
<b>Conditions to Avoid</b>	Not available
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Not available.

**Section 11: Toxicological Information**
**RTECS** NM752800

**Acute Toxicity**

LD50 Oral -Mouse -10.000 mg/kg

**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**

Not available

**Symptoms Related to Exposure**

Not available

**Potential Health Effects**

Not available

**Target Organ(s)**

No data

**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**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Disposal of Container**

Disposal must be made according to official regulations

**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.