



# Safety Data Sheet

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

Quercetin Dihydrate

30-2308

## Section 1: Identification

**Product Name** Quercetin Dihydrate  
**Commercial Name** Meletin, Sophoretin  
**Product Use** Not available.  
**Restrictions On Use** Not available.  
**Product Code** 30-2308  
**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)** N/A  
**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** Quercetin  
**% By Weight** 100  
**CAS#** 6151-25-3  
**Molecular Weight** 338.27  
**Chemical Formula** C<sub>15</sub>H<sub>10</sub>O<sub>7</sub> · 2H<sub>2</sub>O  
**Synonym(s)** Not available.

### Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Quercetin	6151-25-3	100	Not available.	Not available.

**Section 4: First-Aid Measures**

**Inhalation** Remove the victim from exposure and move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Seek immediate medical attention.

**Skin Contact** Flush with water, then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical advice if irritation persists.

**Eye Contact** Flush with water for 15 minutes. Seek medical advice if irritation persists.

**Ingestion** Drink water and seek immediate medical attention. Avoid alcoholic beverage. Never give anything by mouth to an unconscious person.

**Symptoms/Effects**

**Acute** N/A

**Delayed** N/A

**Immediate Medical Attention**

N/A

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

Use media suitable to extinguish the supporting or surrounding fire. Carbon dioxide, dry chemical powder or appropriate foam.

**Unsuitable Extinguishing Media**

N/A

**Products of Combustion**

N/A

**Firefighters Special Equipment and Precautions**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental Release Measures**

Evacuate area. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust and contact with skin or eyes. Use adequate ventilation.

**Section 7: Handling and Storage**

Not available. See Section 8

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

**Exposure Limits** Not available.

**Engineering Controls** Not available.

**Personal Protection** Wear appropriate respiration, chemical-resistant gloves, safety goggles, other protective clothing. Do not breathe dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Store in a cool dry place.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Solid. (Crystalline powder) Color: yellow		
<b>Odor</b>	Character slight odor		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	314°C	<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>	Not available.		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Stable in nature
<b>Hazardous Polymerization</b>	Not available
<b>Conditions to Avoid</b>	Not available
<b>Incompatible Materials</b>	Not available.
<b>Hazardous Decomposition Products</b>	Not available.

**Section 11: Toxicological Information****RTECS** LK8750000**Acute Toxicity**

Not available.

**Skin Corrosion/Irritation**

Contact may cause irritation and /or allergic reaction.

**Serious Eye Damage/Irritation**

Contact may cause irritation and slight corneal injury.

**Respiratory or Skin Sensitization**

May cause irritation of upper respiratory tract

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Eyes. Skin. Inhalation. Ingestion.

**Symptoms Related to Exposure**

Not available.

**Potential Health Effects**

Excessive dosage may cause irritation of the mouth, throat, esophagus and gastrointestinal tract.

**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**

Not available.

**Disposal of Container**

Not available.

**Other Considerations**

Not available.

**Section 14: Transport Information****DOT Classification**

This product is not classified as dangerous goods according to the international regulations for transport by land, inland waterways, sea and air.

**Section 15: Regulatory Information****Regulations**

Not available.

**Other**

Not available.

**Section 16: Other Information**

Not available.