

**Section 1: Identification**

**Product Name** Melatonin USP  
**Commercial Name** Not Available  
**Product Use** Not Available  
**Restrictions On Use** Not Available

**Product Code** 30-5114

**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** WARNING

**Hazard Statement(s)** Suspected of damaging fertility or the unborn child  
**Pictogram(s) or Symbol(s)**

**Precautionary Statement(s):**

**Prevention** Wear protective gloves/clothing/eye protection/Face protection  
**Response** If exposed or concerned. Get medical advice/attention  
**Storage** Not Available  
**Disposal** Not Available

**Section 3: Composition/Information on Ingredients**

**Substance/Mixture** Not Available  
**Components** Melatonin  
**% By Weight** 100%  
**CAS#** 73-31-4  
**Molecular Weight** 232.28  
**Chemical Formula** C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>  
**Synonym(s)** Not Available

**Mixtures**

<b>Name</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>TLV/PEL</b>	<b>LC50/LD50</b>
Melatonin	73-31-4	100%		

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Allow victim to rest in a well-ventilated area. Seek Immediate medical attention.
<b>Skin Contact</b>	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated, skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
<b>Eye Contact</b>	No known effect on eye contact, rinse with water for a few minutes.
<b>Ingestion</b>	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt, or waistband. If the victim is not breathing, perform mouth to mouth resuscitation. Seek immediate medical attention.
<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>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam.
<b>Unsuitable Extinguishing Media</b>	Do not use waterjet.
<b>Products of Combustion</b>	These products are carbon oxides(CO,CO2), nitrogen oxides (NO, NO2)
<b>Firefighters Special Equipment and Precautions</b>	Not Available

**Section 6: Accidental Release Measures**

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local and regional authority requirements. Large spills: Use shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**Section 7: Handling and Storage**

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Storage: Preserve in well closed container, protected from light. Store at a temperature not exceeding 30C. Excursion allowed up to 40C

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

<b>Exposure Limits</b>	Not Available
<b>Engineering Controls</b>	Use process enclosures,local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit
<b>Personal Protection</b>	Safety glasses. Lab Coat. Dust Respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Personal Protection in case of a large spill: Splash goggles. Full suit. Dust respirator.Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Solid		
<b>Odor</b>	Not Available		
<b>Odor Threshold</b>	Not Available		
<b>Melting Point</b>	117C(242.6F)	<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>	Slightly soluble in water, soluble in acetone, ethyl acetate, and methanol		
<b>Other</b>	Molecular Weight: 232.28 g/mole		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not Available
<b>Chemical Stability</b>	This product is stable
<b>Hazardous Polymerization</b>	Non-corrosive in presence of glass.
<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** Not Available**Acute Toxicity**

LD 50: oral / rat&gt; 3200 mg/kg, LC 50: Not available.

**Skin Corrosion/Irritation**

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

**Serious Eye Damage/Irritation**

Not Available

**Respiratory or Skin Sensitization**

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

**Germ Cell Mutagenicity**

Not Available

**Carcinogenicity**

Not Available

**Reproductive Toxicity**

Not Available

**Routes of Entry**

Ingestion

**Symptoms Related to Exposure**

Not Available

**Potential Health Effects**

Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of inhalation.

**Target Organ(s)** Not Available

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

Not Available

**Persistence and Degradability**

Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise. The products of degradation are more toxic.

**Bioaccumulative Potential****Mobility in Soil**

Not Available

**Other Adverse Effects**

Not Available

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

Waste material must be disposed in accordance with the directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

**Disposal of Container**

Not Available

**Other Considerations**

Not Available

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

Not Available

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

TSCA 8(b) Inventory: No products were found

**Other**

Not Available

**Section 16: Other Information**

Not Available