



## Safety Data Sheet

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

Chrysin

30-3345

### Section 1: Identification

**Product Name** Chrysin  
**Commercial Name** Not available.  
**Product Use** Not available.  
**Restrictions On Use** Not available.

**Product Code** 30-3345

**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):

<b>Prevention</b>	P280: Wear protective gloves/ clothing and eye/face protection as specified by the manufacturer/supplier or the competent authority. P273: Avoid release to the environment.
<b>Response</b>	P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a doctor/physician. P391: Collect spillage.
<b>Storage</b>	Not available.
<b>Disposal</b>	Not available.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture** Substance  
**Components** Chrysin  
**% By Weight** 100  
**CAS#** 480-40-0  
**Molecular Weight** 254.242  
**Chemical Formula** C15-H10-O4  
**Synonym(s)** 4H-1Benzopyran-4-one, 5,7-dihydroxy-2-phenyl- (9CI); 5,7-Dihydroxyflavone;  
5,7-dihydroxy2-phenyl-4H-1-benzopyran-4-one

#### Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Chrysin	480-40-0	100		

**Section 4: First-Aid Measures**

<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Skin Contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<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****Suitable Extinguishing Media**

Use water spray, alcohol- resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Carbon oxides

**Firefighters Special Equipment and Precautions**

Wear self- contained breathing apparatus for fire fighting if necessary. Use water spray to cool unopened containers.

**Section 6: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8. Environment precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Methods and materials for containment and cleaning up: Collect the spillage with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

**Section 7: Handling and Storage**

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition- No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2. Conditions for safe storage, including any incompatibilities: Store the material in tightly closed original container in upright position. Store this container in a dry and well ventilated place at room temperature. Protect against direct sunlight. Avoid heat, flames & other sources of ignition. Avoid contact with strong oxidisers.

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

<b>Exposure Limits</b>	Not available
<b>Engineering Controls</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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**Personal Protection**

Eye/ face protection: Face shield and safety glasses. Use equipment for the eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body Protection: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection: Where risk assessments shows air- purifying respirators are appropriate use a full- face respirator with multi- purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full- face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environment exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Pale yellow to light brown powder		
<b>Odor</b>	Not available.		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	Not available.	<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>	Insoluble in water.		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	stable.
<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>	Carbon dioxides and carbon monoxides

**Section 11: Toxicological Information**
**RTECS** LK8329050

**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**

Not available.

**Symptoms Related to Exposure**

Not available.

**Potential Health Effects**

Not available.

**Target Organ(s)** Kidney – Irregularities – Based on human Evidence Skin - Dermatitis – Based on human evidence Kidney – Irregu**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**

Product and waste can be eliminated as a non-hazardous industrial waste according to local regulations and Federal law concerning waste elimination.

**Disposal of Container**

Dispose of as unused product.

**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.