



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):

Prevention	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.
Response	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.
Storage	Not available.
Disposal	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-bezopyran-4-one

Mixtures

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

Section 4: First-Aid Measures

Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	
	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

Exposure Limits	Not available
Engineering Controls	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

Appearance	Pale yellow to light brown powder		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Insoluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	stable.
Hazardous Polymerization	Not available.
Conditions to Avoid	Not available.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	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.



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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.