

### Section 1: Identification

<b>Common Name/Trade Name</b>	CHRYSIN	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
<b>Distributor Name</b>	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a>	
<b>Product Synonym(s)</b>	5,7-Dihydroxyflavone	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

### Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Not a hazardous substance or mixture.
<b>Signal Word</b>	None
<b>Hazard Statement(s)</b>	N/A
<b>Pictogram(s)</b>	N/A
<b>Precautionary Statement(s)</b>	N/A
<b>Hazards Not Otherwise Classified</b>	No data available
<b>Ingredient(s) with Unknown Toxicity</b>	No data available

### Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	5,7-dihydroxy-2-phenyl-4H-benzo(b)pyran-4-one
<b>Common Name</b>	Chrysin
<b>CAS Number</b>	480-40-0
<b>Impurities and/or Stabilizing Additives</b>	No data available

### Section 4: First Aid Measures

<b>General Advice</b>	No data available
<b>If Inhaled</b>	Move individual to fresh air. Get medical attention if breathing difficulty occurs. If not breathing, provide artificial respiration assistance (mouth-to-mouth) and call a physician immediately. Serious inhalation: Not available.
<b>In Case of Skin Contact</b>	Remove contaminated clothing and clean before reuse. Wash all exposed areas of skin with plenty of soap and water. Get medical attention if irritation develops. Serious skin contact: Not available.
<b>In Case of Eye Contact</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
<b>If Swallowed</b>	Do not induce vomiting. Call a physician or poison control center. If available, administer activated charcoal (6-8 heaping teaspoons) with two to three glasses of water. Do not give anything by mouth to an unconscious person. Immediately transport to a medical care facility and see a physician.
<b>Most Important Symptoms and Effects</b>	Signs and symptoms of exposure through inhalation or ingestion may include: mouth and throat irritation (soreness, dry or scratchy feeling, cough), stomach or intestinal upset (nausea, vomiting, diarrhea). The toxicological property is this substance has not been fully investigated.

### Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
<b>Special Hazards Arising From the Substance/Mixture</b>	As a finely divided material, may form dust mixtures in air which could explode if subjected to an ignition source. Hazardous Combustion Products: May emit toxic fumes when exposed to heat or fire.
<b>Special PPE and/or Precautions for Firefighters</b>	Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved, and full protective gear.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
<b>Methods and Materials Used for Containment</b>	Do not let product enter drains.
<b>Cleanup Procedures</b>	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. Environmental precautions Do not let product enter drains. 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 of according to local and regional authority requirements. Large spill: use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	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. Keep away from incompatibles such as oxidizing agents.
<b>Conditions for Safe Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No data available
<b>Appropriate 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>PPE - Eye/Face Protection</b>	Safety glasses, Splash goggles.
<b>PPE - Skin Protection</b>	Safety glasses. Lab coat. Dust respirator. Be sure to use an approved / certified respirator or equivalent. Gloves. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>PPE - Body Protection</b>	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. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>PPE - Respiratory Protection</b>	Dust respirator

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Form: Solid Colour: light yellow
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	Odorless
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point/Freezing Point</b>	Melting point/range: 284 - 290 °C
<b>Solubility</b>	Insoluble in cold water, hot water
<b>Initial Boiling Point and Boiling Range</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	No data available
<b>Partition Coefficient</b>	No data available
<b>Auto-Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## Section 10: Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Hazardous decomposition products formed under fire conditions. - Carbon oxides (NOx)

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	Ingestion: May cause gastrointestinal tract disorders.
<b>Acute Toxicity - Inhalation</b>	This material may produce dust. Breathing in large amounts may be harmful. May cause respiratory tract irritation.
<b>Acute Toxicity - Dermal</b>	May cause skin irritation.
<b>Acute Toxicity - Eye</b>	May cause eye irritation
<b>Skin Corrosion/Irritation</b>	No data available. May cause skin irritation.
<b>Serious Eye Damage/Irritation</b>	No data available May cause eye irritation.
<b>Respiratory or Skin Sensitization</b>	No data available. May cause skin irritation.
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity IARC</b>	No data available
<b>Carcinogenicity ACGIH</b>	No data available
<b>Carcinogenicity NTP</b>	No data available
<b>Carcinogenicity OSHA</b>	No data available
<b>Reproductive Toxicity</b>	No data available
<b>Specific Target Organ Toxicity - Single Exposure</b>	No data available
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	No data available
<b>Aspiration Hazard</b>	No data available

## Section 12: Ecological Information

<b>Toxicity</b>	No data available
<b>Persistence and Degradability</b>	No data available. Possibly hazardous short term degradation products and not likely. However, long term degradation products may arise. The product itself and its products of degradation are not toxic.
<b>Bio-accumulative Potential</b>	No data available. Possibly hazardous short term degradation products and not likely. However, long term degradation products may arise. The product itself and its products of degradation are not toxic.
<b>Mobility in Soil</b>	No data available. Possibly hazardous short term degradation products and not likely. However, long term degradation products may arise. The product itself and its products of degradation are not toxic.
<b>Other Adverse Effects</b>	No data available. Possibly hazardous short term degradation products and not likely. However, long term degradation products may arise. The product itself and its products of degradation are not toxic.

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
<b>Waste Treatment Methods Packaging</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

## Section 14: Transport Information

<b>UN Number</b>	Not dangerous goods.
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	N/A

## Section 15: Regulatory Information

Below is selected regulatory information chosen primarily for possible FST usage. This section is not a complete analysis or reference to all applicable regulatory information. Please consider all applicable laws and regulations for your country/state. EC Classification: Not assigned an overall EC classification. WHMIS (Canada): Not controlled under WHMIS (Canada). DSCL (EEC): This product is not classified according to the EU regulations.

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Lisa Russell
<b>Revision Date</b>	03/23/2021 14:52

### Disclaimer

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