

Section 1. Product and Company Identification

**Product Name** Sinapic Acid  
**CAS Number** 530-5-6

**Parchem - fine & specialty chemicals**  
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Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

**OSHA Hazards**

Irritant

**GHS Classification**

Flammable solids (Category 2)  
Skin irritation (Category 2)  
Eye irritation (Category 2)  
Specific Target Organ Toxicity - Single exposure, Category 3

**GHS Label Elements**

**Pictograms:**



**Signal word:** WARNING

**Hazard and precautionary statements**

**Hazard Statement**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation

**Precautionary Statements**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P264 Wash skin thoroughly after handling



P271 Use only outdoors or in a well ventilated area  
P280 Wear protective gloves/eye protection/face protection  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P312 Call a POISON CENTER or doctor/physician if you feel unwell  
P321 Specific treatment (see supplemental first aid instructions on this label).  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P501 Dispose of contents/container to an approved waste disposal plan

**Other hazards:** Repeated exposure may cause skin dryness or cracking.

#### Potential Health Effects

**Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation. Vapors may cause drowsiness and dizziness.

**Skin:** May be harmful if absorbed through skin. Causes skin irritation.

**Eyes:** Causes eye irritation.

**Ingestion:** May be harmful if swallowed.

#### Section 3. Composition / Information on Ingredients

<b>Common Name</b>	Sinapic Acid
<b>Synonym(s)</b>	4-Hydroxy-3,5-dimethoxycinnamic acid
<b>Formula</b>	$C_{11}H_{12}O_5$
<b>CAS Number</b>	530-5-6

#### Section 4. First Aid Measures

##### Description of 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 opened eye for several minutes under running water. Then consult a doctor.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician



#### Section 5. Firefighting Measures

**Suitable extinguishing media:** Use water spray, alcohol resistant foam, dry chemical, or carbon dioxide

**Special protective equipment for firefighters:** Wear self-contained respirator. Wear fully protective impervious suit.

#### Section 6. Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions:** Do not allow material to be released to the environment without proper governmental permits.

**Methods for cleaning up:** Ensure adequate ventilation.

#### Section 7. Handling and Storage

**Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Storage:** Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.

#### Section 8. Exposure Controls / Personal Protection

**Respiratory protection:** Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection:** Compatible chemical-resistant gloves.

**Eye protection:** Chemical safety glasses.

**Body protection:** Protective work clothing.

#### Section 9. Physical and Chemical Properties

##### Appearance

**Form:** Crystalloid

**Color:** Pale yellow crystalloid

**Melting point/range:** 202°C (396°F)

**Boiling point:** No data available

**Flash point:** No data available

**Ignition temperature:** No data available

#### Section 10. Stability and Reactivity

**Stability:** Stable under recommended storage conditions.

**Incompatible materials:** Oxidizing agents.



Section 11. Toxicological Information

**Acute toxicity:** No data available  
**Irritation and corrosion:** No effects known  
**Sensitization:** No effects known

**Potential Health Effects**

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.  
**Skin:** May be harmful if absorbed through skin. May cause skin irritation.  
**Eyes:** May cause eye irritation.

**Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12. Ecological Information

**Aquatic toxicity:** No further relevant information available.  
**Additional ecological information:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Do not allow material to be released to the environment without proper governmental permits.

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**Land transport ADR/RID:** Not dangerous goods  
**Maritime transport IMDG:** Not dangerous goods  
**Air transport IATA:** Non-toxic and non-dangerous goods.

Section 15. Regulatory Information

**Risk phrases**

36/37/38 May irritate to eyes, respiratory system and skin.

**Safety phrases**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.  
60 This material and its container must be disposed of as hazardous waste

A chemical safety assessment has not been carried out.



Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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