

## CALCIUM PROPIONATE

### Section 1. Product and Company Identification

Trade Name	<b>Calcium Propionate</b>
Manufacturer/Supplier Address	<b>Rawpharma Biz Private Limited</b> 1101, City Center – 2, Science City Road, Sola, Ahmedabad, Gujarat - 380060
Mobile	+91 – 98795 22397
Email	<a href="mailto:info@rawpharmabiz.com">info@rawpharmabiz.com</a>
Website	<a href="http://www.rawpharmabiz.com">www.rawpharmabiz.com</a>

### Section 2. Composition/Information on Ingredients

<b>Product Trivial Name</b>	Calcium Propionate
<b>Product Formal Name</b>	Propionic acid, Calcium salt (CH <sub>3</sub> CH <sub>2</sub> COO) <sub>2</sub> Ca
<b>CAS Number</b>	4075-81-4

### Section 3. Hazard Identification

<b>Main Hazards</b>	Not classified as hazardous
<b>Health Effects – Eyes</b>	May cause slight transient irritation
<b>Health Effects – Skin</b>	Material may cause slight irritation on prolonged or repeated contact
<b>Health Effects – Inhalation</b>	Exposure to dust at high concentrations may have the following effects: Irritation of nose, throat and respiratory Tract.

#### **Section 4. First Aid Measures**

<b>First Aid – Eyes</b>	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
<b>First Aid – Skin</b>	Wash skin with water
<b>First Aid – Ingestion</b>	Wash out mouth with water. Obtain medical attention.
<b>First Aid – Inhalation</b>	Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.

#### **Section 5. Fire Fighting Measures**

<b>Extinguishing Media</b>	Not readily combustible. Use water spray, dry chemical or carbon dioxide.
<b>Unsuitable Extinguishing Media</b>	None

#### **Section 6. Accidental Release Measures**

<b>Personal Precautions</b>	Wear appropriate protective clothing. See Section 8.
<b>Environmental Precautions</b>	Try to prevent the material from entering drains or water courses
<b>Spillages</b>	Sweep up into suitable containers for recovery or disposal. Finally flush area with plenty of water.

#### **Section 7. Handling and Storage**

<b>Handling</b>	Keep container tightly closed when not in use. Avoid contact with eyes, skin and clothing.
<b>Storage</b>	Storage area should be cool, dry. Store in original containers.

<b>Section 8. Exposure Control / Personal Protection</b>
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<b>Engineering Control Measures</b>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<b>Respiratory Protection</b>	Dust mask if conditions are dusty.
<b>Hand Protection</b>	PVC or Rubber gloves.
<b>Eye Protection</b>	Chemical goggles
<b>Body Protection</b>	Normal work wear
<b>Protection During Application</b>	Mix in a well ventilated area. If ventilation is poor, Wear respiratory protection.

<b>Section 9. Physical and Chemical Properties</b>
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<b>Physical State</b>	Powder
<b>Colour</b>	White
<b>Odour</b>	Odourless
<b>pH</b>	7.5-9.0 at 1% w/w in water
<b>Solubility in Water (kg/m<sup>3</sup>)</b>	428 at 0 deg. C 484 at 100 deg. C
<b>Density (kg/m<sup>3</sup>)</b>	350-530 (loose)
<b>Decomposition Temp. (°C)</b>	>250
<b>Dust Explosion Data</b>	Minimum ignition energy 10 <sup>5</sup> -10 <sup>7</sup> Maximum explosion pressure 8.7bar Maximum rate of pressure rise 77bar/s

**Section 10. Stability and Reactivity**

**Stability** Stable under normal conditions. Slightly hygroscopic.

**Section 11. Toxicological Information**

**Acute Toxicity** Oral LD<sub>50</sub> (rat) 5000mg/kg

**Section 12. Ecological Information**

**Mobility** The product is non volatile and water soluble and will partition to the aqueous phase.

**Persistence/Degradability** The product is readily biodegradable

**Section 13. Disposal**

**Product Disposal** Dispose of in accordance with all applicable local and National regulations

**Section 14. Transport Information**

**UN Class** Not classified

**ADR/RID – Class** Not classified

**IMDG – Class** Not classified

**IATA – Class** Not classified

**Section 15. Regulatory Information**

**Labeling Information** Not classified

**Elnecs Number** 2237958

**Einecs Listing** Yes

<b>Section 16. Other Information</b>
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None

<p>The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.</p>
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