

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47404**

Tel: 812.334.9996      Fax: 812.334.1960      Emergency: 800.424.9300

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**SECTION 1: IDENTIFICATION**

**Effective Date:** 6/29/94

**Product Name:** Calcium Pidolate

**Molecular Formula:** N/A

**CAS No.:** 31377-05-6

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**SECTION 2: HAZARDOUS INGREDIENTS:** none

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**SECTION 3: PHYSICAL DATA**

Odor: none

Appearance: cream colored solid

Melting point.: not determined

Boiling point: not determined

Decomposition temperature: will not occur if used according to specifications.

pH (depends on quality): N/A

Solubility in water: soluble

Specific gravity (water = 1) N/A

Vapor density: N/A

Vapor pressure: N/A

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**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point: N/A

Flammable limit: N/A

Flammability: Dust can combine with air to form explosive mixture.

Extinguishing media: CO<sub>2</sub>, extinguishing powder or water jet.

Fire fighting procedures: self-contained breathing apparatus, do not inhale explosion gases.

Unusual fire and explosions hazards: NO may be released in case of fire.

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**SECTION 5: REACTIVITY DATA**

Stable   X                        Unstable           

**Decomposition byproducts:** traces of vitrous vitiol gases possible.

**Incompatibilities/Condition to Avoid:** none known.

**Hazardous Polymerization:** not known to occur

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**SECTION 6: HEALTH HAZARD DATA**

**Toxicity:** L-5-Pyrrolidinone-2-carboxylic acid Calcium Salt--Oral LD50: >6000mg/kg in rats.

**Route of Entry:** Inhalation, ingestion.

**Permissible Exposure limits:** N/A

**TWA:**

**TLV:**

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**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

**Spillage:** Collect mechanically; do not breath dust.

**Disposal:** DO NOT flush into sewer system or allow contact with water system. Do not dispose of with garbage

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**SECTION 8: FIRST AID PROCEDURES**

**Eye Contact:** Rinse opened eye for several minutes under running water.

**Skin Contact:** Instantly wash with soap and water and rinse thoroughly.

**Inhalation:** Supply fresh air; consult medical help if symptoms arise.

**Ingestion:** seek immediate medical advice.

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**SECTION 9: HANDLING AND STORAGE INFORMATION:** Protect container from sunlight and water. Store in cool area away from foodstuffs. Store only in original container. Prevent formation of dust whenever possible.

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**SECTION 10: SPECIAL PROTECTION INFORMATION:**

**Ventilation:** none specified.

**Skin Protection:** protective gloves

**Eye Protection:** safety glasses

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**Respiratory Protection:**      Dust mask if dust arises.  
**Other:** protective work clothing.

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**SECTION 11: TRANSPORT INFORMATION**

**DOT Classification:** not a classified material

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**SECTION 12: OTHER REGULATORY INFORMATION**

**Federal and State regulations:** N/A

**WHMIS (Canada):**

**DSCL (EEC):**

**HMIS (USA):**