



MSDS - Calcium Propionate Crystal

Issued April 2012

Section 1. Product Information

Product Name: Calcium Propionate, Food grade

Chemical Family: propionic acid, calcium salt

Chemical Formula: (C₃H₅O₂)₂Ca

Produced by: A.M Food Chemical Co., Limited

Contact telephone: +86 531 87100375、88955827 Fax number: +86 531 87105371

Section 2. Information on Ingredients

Calcium Propionate (dry basis): 99% Min. CAS # 4075-81-4

Water 5% Max

Section 3. Hazards Identification

Appearance: white solid. **Caution!** May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Target Organs: None.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation.

Inhalation: May cause respiratory tract irritation.

Chronic: No information found.

Section 4. First aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation

develops or persists. Wash clothing before reuse.



Ingestion: Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water.
Never give anything by mouth

to an unconscious person. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult,

give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician: Treat symptomatically and supportively.

Section 5. Fire & Explosion Data

Flash Point : None by Tag Closed Cup

Flammable Limits: Not determined

Auto-Ignition Temperature: Not applicable

Unusual Hazards: Avoid dispersion of dust to minimize possible explosion hazard

Extinguishing Media: Appropriate media for surrounding fire

Section 6. Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7. Handling and storage

Handling: Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation.

Minimize dust generation and

accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8. Exposure Controls, Personal Protection

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits



Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Calcium Propionate	none listed	none listed	none listed

OSHA Vacated PELs: Calcium Propionate: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Section 9. Physical and Chemical Properties

Physical State: Solid

Appearance: white

Odor: None reported.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: Not available.

Decomposition Temperature: Not available.



Solubility: Soluble in water.

Specific Gravity/Density: Not available.

Molecular Formula: C₆H₁₀CaO₄

Molecular Weight: 186.1476

Section 10. Reactivity

Hazardous Decomposition Products: Carbon monoxide

Hazardous Polymerization: Will not occur

Incompatibility: Strong oxidizing agents

Section 11. Toxicity Data

RTECS#:

CAS# 4075-81-4: UE8450000

LD₅₀/LC₅₀:

CAS# 4075-81-4:

Oral, mouse: LD₅₀ = 2350 mg/kg;

Oral, rat: LD₅₀ = 3920 mg/kg; <BR.

Carcinogenicity:

CAS# 4075-81-4: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Neurotoxicity: No information available.

Mutagenicity: No information available.



Other Studies: No data available.

Section 12. Ecological Information

No information available

Section 13. Disposal Consideration

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.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14. Transportation Information

	US DOT	IATA	RID/ADR	IMO	Canada TDG
Shipping Name:	No information available.				No information available.
Hazard Class:					
UN Number:					
Packing Group:					

Section 15. Regulatory Information

US FEDERAL

TSCA

CAS# 4075-81-4 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule



None of the chemicals in this material have a SNUR under TSCA.

SARA

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1

Ozone depletors. This

material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are

listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 4075-81-4 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California No Significant Risk Level: None of the chemicals in this product are listed.

Section 16. Other Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Not available.



爱.姆生物技术有限公司
A.M FOOD CHEMICAL CO., LIMITED

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 4075-81-4: 1