



MSDS CAS: 4075-81-4

PRODUCT NAME: CALCIUM PROPIONATE

1. Identification of the substance/preparation and the company

MSDS Name: CALCIUM PROPIONATE

Synonyms: CALCIUM DIPROPIONATE, CALCIUM PROPANOATE

Chemical name: Propionic acid Calcium salt.

Formula: $C_6H_{10}CaO_4 \cdot O-1H_2O$

Molecular Weight: 186.22.

Company Name: Across Biotech Jinan Co., Ltd

Address: Shanda Rd 160, Lixia distric, Jinan, China

2. Compaction Composition/Information on Ingredient

CAS # 4075-81-4

3. Hazards Identification

Fire: Combustible. Gives off irritating or toxic fumes (or gases) in a fire.

Inhalation: Cough. Sore throat.

EYES: Redness. Pain.

4. First-aid Measures

In case of eye or skin contact, wash with large amounts of water for 15 to 20 minutes. In case of ingestion,. Rinse mouth. Give plenty of water to drink. In the event of persist symptoms receive medical treatment.

In case of inhalation seek fresh air and aid breathing if necessary. Get medical attention.

5. Fire-fighting Measures

Water in large amounts.

6. Handing and Storage

Keep cool and dry in tightly closed containers. Keep product out of light, and avoid exposure to excessive heat.

7. Presond Protection



If product is handled while not enclosed, and if skin contact may occur: put on respiratory protective gloves for chemicals.

Eye protection: Goggles.

Keep the place of work clean. Avoid contact with product, change badly soiled or soaked clothing.

Wash hands before breaks and at end of work.

8. Physical and Chemical Properties

Physical form: White Hygroscopic Crystalline Powder. Odor: Odorless

Color: White

PH: Not available

Loss on drying: Not more than 9.5%

Heavy metals: Not more than 10PPM

9. Chemical Dangers:

The substance decomposes on heating producing toxic and corrosive fumes (sodium oxide). The solution in water is a weak base

10. Routes Of Exposure:

The substance can be absorbed into the body by inhalation of its aerosol.

11. Inhalation Risk:

Evaporation at 20 °C is negligible; a nuisance-causing concentration of airborne particles can, however, be reached quickly when dispersed.

12. Toxicological information

Ingredient Category	-----\Cancer Lists\-----		IARC
	---NTP Carcinogen---		
	Known	Anticipated	
CALCIUM PROPIONATE None (137-40-6)	No	No	

**13. Effects Of Short-Term Exposure:**

The substance irritates the eyes and the respiratory tract.

14. Transport Information

Not dangerous cargo. Don't define in the transport regulation.

15. Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Calcium propionate

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS(Canada): Not controlled under WHMIS(Canada).

DSCL(EEC):

R36-Irritating to eyes. S24/25- Avoid contact with skin and eyes. S36/37/39- Wear suitable protective clothing, gloves and eye/face protection. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

HMIS(U.S.A.):

Health Hazard:2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

16. Other Information

Label Hazard Warning:

CAUTION! CAUSES IRRITATION