



Jainex Speciality Chemical



**CALCIUM
PROPIONATE**



About Us

Jainex Speciality Chemical is a partnership firm registered under the Partnership Act of 1932 in India.

At Jainex Speciality Chemical, we are dedicated to excellence in all aspects of our operations. By harnessing knowledge, creativity, innovation, and technology, we strive to provide superior consumer insights along with the highest quality products and services to our clients.

Established in 2005, our firm initially focused on the manufacturing and exporting of various butyrate salts, including calcium butyrate and sodium butyrate, to European markets. These products are widely recognized as effective animal feed supplements.

In 2015, we expanded our product line to include calcium propionate, a propionate salt utilized as a preservative in animal feed, notably effective in mitigating mycotoxin levels in feed materials.

Currently, Jainex Speciality Chemical employs innovative, customized technology for the hygienic manufacturing of all our products, under the supervision of industry experts. Our firm is accredited by several national and international quality standards, including FSSAI, WHO-GMP, HACCP, ISO 22000:2005, and FAMI-QS.

Today, Jainex Speciality Chemical is recognized as a leading manufacturer and exporter from India, esteemed for delivering high-quality products and services. Our unwavering commitment to customer satisfaction, characterized by adherence to quality standards and competitive pricing, has facilitated our significant success in both local and international markets. Looking forward, the company intends to continue innovating and expanding its product offerings by introducing a wider range of animal feed additives and preservatives.



CALCIUM PROPIONATE (FEED GRADE)



Calcium Propionate is a highly effective toxin binder suitable for all animal species, with particular efficacy in the poultry sector.

When incorporated into poultry, veterinary, fishery, piggery, swine, and other animal feeds, Calcium Propionate delivers exceptional results.

Animal feed formulations can include 0.1% to 1.0% of Calcium Propionate. This compound is recognized as a safe food additive by the FDA.

As the leading manufacturer and exporter of Calcium Propionate from India, we are dedicated to producing this compound under stringent hygienic conditions, utilizing premium quality ingredients.

Why Choose Calcium Propionate?

- To achieve optimal mold control (fungi) in animal feeds or feed components based on moisture levels and storage conditions, calcium propionate is utilized.
- It is incorporated into feed supplements for cows to help prevent milk fever and combat harmful microbes.
- One of its key benefits is that propionates do not require an acidic environment for effectiveness.
- It safeguards animal feed from a variety of bacteria and fungi. Additionally, it serves as a toxin binder for effective mycotoxin management in animal feed products.



FAMIqs





CALCIUM PROPIONATE (FEED GRADE)

Why Choose Calcium Propionate from Jainex Speciality Chemicals?

- Our Calcium Propionate is produced using advanced and state-of-the-art techniques.
- It is manufactured under stringent hygienic conditions by our qualified and experienced personnel.
- We adhere to international quality standards, including FSSAI and ISO 22000:2005.
- Our Calcium Propionate guarantees optimal performance across all intended applications.
- It is entirely free from animal bones and fats.

Additionally, we offer customized formulations, specifications, and concentrations tailored to meet your specific requirements.

Range of Calcium Propionate:

- Dry Calcium Propionate powder – Feed grade
- Agglomerate Calcium Propionate – Feed grade

Types of Species:



Cows and other dairy animals



Pigs



Goats



Poultry



Fishery



FAMI-QS

General Specifications*:

Sr. No.	Parameter	Specification
1	Appearance	Fine powder/ Agglomerate
2	Colour	White to off white
3	Odour	Faint Propionic Acid
4	pH	6.0 – 9.0
5	Moisture /water content (%w/w)**	Maximum 4.0%
6	Purity (%w/w) on dried basis	Min. 98.0%
7	Density	0.500 – 0.700 g/cc
8	Iron (Fe)	Maximum 100 ppm
9	Lead (Pb)	Maximum 30 ppm
10	Arsenic (As)	Maximum 2 ppm
11	Cadmium (Cd)	Maximum 2 ppm
12	Mercury (Hg)	Maximum 2 ppm
13	Fluoride (F-)	Maximum 30 ppm

Note: For further technical specifications and detailed information, please reach out to us. We can provide options with water content lower than 4.0%.

Calcium Propionate is widely used in animal feed for various purposes. Here are some specific examples:

1. Dairy Cows:

- Ketosis Prevention: Calcium Propionate is used to prevent ketosis in dairy cows, especially during the perinatal period. It helps in maintaining energy balance and reducing the risk of metabolic disorders.
- Milk Fever: It is also effective in preventing milk fever, a condition caused by low blood calcium levels in dairy cows.

2. Poultry:

- Mold Inhibition: In poultry feed, Calcium Propionate acts as a mold inhibitor, ensuring the feed remains fresh and free from fungal contamination.
- Nutritional Quality: By preventing spoilage, it helps maintain the nutritional quality of the feed, supporting the health and productivity of poultry.

3. Swine:

- Feed Preservation: It is used in swine feed to prevent the growth of molds and bacteria, thereby extending the shelf life of the feed and ensuring its safety.
- Growth Promotion: The preservation of feed quality contributes to better growth rates and overall health in swine.

4. Fishery:

- Aquaculture: In fish feed, Calcium Propionate helps prevent microbial contamination, ensuring the feed remains safe and nutritious for aquatic species.

5. General Livestock:

- Mycotoxin Control: It is used to control mycotoxins in feed, which can be harmful to livestock. This helps in maintaining the health and productivity of various animal species.

These applications highlight the versatility and effectiveness of Calcium Propionate in enhancing feed safety, quality, and animal health.

If you have any more questions or need further details, feel free to ask!





PACKAGING DETAILS

25 Kg. LDPE Bag

STORAGE CONDITIONS: Store in a tightly sealed container in a cool, dry, and well-ventilated space.

Always use appropriate personal protective equipment, such as gloves and safety goggles, when handling this material.

In case of accidental contact, rinse affected areas with plenty of water and seek medical advice if necessary.





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**Let's Connect: Discover how Jainex Speciality Chemical
can improve your feed solutions and join the
transformation!**