



# MACCO ORGANIQUES INC.

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THE MANUFACTURING PROCESS OF THE PRODUCT BELOW IS COVERED BY A REGISTERED ISO-9001 : 2000 QUALITY SYSTEM (SGS CA 98/1177)

Date: January 16<sup>th</sup>, 2004

Supersedes : November 26<sup>th</sup>, 1999

CAS # : 4075-81-4

Ref # : S20122-A3

## CALCIUM PROPIONATE FEED AGGLOMERATE

C<sub>6</sub>H<sub>10</sub>CaO<sub>4</sub>

Mol. Weight: 186.22

### DESCRIPTION

White powder, possessing not more than a faint odor of propionic acid. One gram dissolves in about 3 ml of water.

### SPECIFICATIONS

pH (1% solution)	:	6 to 11
Assay (dry basis)	:	98% Min.
Calcium	:	20.8% Min.
Heavy Metals (as Pb)	:	0.002% Max.

### BULK DENSITY

Typical bulk density (tapped)	:	26 lbs/cu.ft to 29 lbs/cu.ft 0.416 g/cc to 0.464 g/cc
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### TYPICAL PARTICLE SIZE

On 2000 µm (US std mesh # 10)	:	1% Max.
Thru 45 µm (US std mesh #325)	:	5% Max.

### PACKAGING AND STORAGE

20 kg multiwall paper bag.

Store in tight containers. Recommended storage conditions : a cool and dry place.  
Recommended maximum storage time : 2 years.

### FUNCTIONAL USE

Preservative, mold and rope inhibitor.

#### DOSAGE (SUGGESTED)

Feed Mixture Humidity	Calcium Propionate Dosage		
	%	Kg/Metric Ton	Lbs/U.S. Ton
Below 12%*	0.2%	2 kg	4 lbs
Over 12%*	0.3 to 0.5%	3 to 5 kg	6 to 10 lbs

\*Dosage is also function of the nature of the feed mixture and the storage time, temperature and humidity conditions. Warm temperature and high humidity will require higher dosage.

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