



## MACCO ORGANIQUES INC.

100 McArthur, Valleyfield, Québec, Canada, J6S 4M5

Tél: (450) 371-1066, Fax: (450) 371-5519

Web page address: <http://www.macco.ca>, Email: [macco@macco.ca](mailto:macco@macco.ca)



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

Date: May 26<sup>th</sup>, 2005

Supersedes: March 3<sup>rd</sup>, 2005

CAS # : 4075-81-4

Ref # : S20115-A8

### CALCIUM PROPIONATE FCC EEC DUST FREE AGGLOMERATE

**EEC # : E-282**

$C_6H_{10}CaO_4$

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

Identification	:	Positive
Assay (dry basis)	:	99.0% to 100.5%
pH (10% w/v)	:	7.5 to 9.0
Water	:	1% Max.
Fluoride	:	10 ppm Max.
Lead	:	2 mg/kg Max.
Heavy Metals (as Pb)	:	10 ppm Max.
Insoluble Substances	:	0.2% Max.
Magnesium (as MgO)	:	Pass test (about 0.4%)
Arsenic (as As)	:	3 ppm Max.
Iron	:	50 ppm Max.
Mercury (as Hg)	:	1 ppm Max.

#### TYPICAL BULK DENSITY

Bulk Density (tapped)	:	28 - 33 lbs/cu.ft 0.45 - 0.53 g/cc
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#### TYPICAL PARTICLE SIZE

On 2000 $\mu$ m (US std mesh #10)	:	1% Max.
Thru 45 $\mu$ m (US std mesh #325)	:	1% Max.

#### PACKAGING AND STORAGE

20 kg, 22.7 kg multiwall paper bag.

325 kg bulk bag.

Store in tight containers. Recommended storage conditions : a cool and dry place.

Recommended maximum storage time : 2 years.

#### FUNCTIONAL USE IN FOODS

Preservative, mold and rope inhibitor

Conforms to Food Chemical Codex and EEC specifications.

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