



PRODUCT INFORMATION

***Americal*
Calcium Nitrate Fertilizer
13-0-0 + 18 Ca**

Formula: $\text{Ca}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$

Manufacturer or supplier's details

Company : MORR, Inc.
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 Commerce, CA 90040
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 855-TRY-MORR
 www.MORR.com

Emergency telephone number : CHEMTREC 24 Hr. Emergency Phone:
(800) 424-9300

DESCRIPTION

Highly pure, white, very fine crystals. Easily and totally soluble in water.

PROPERTIES

The product consists of calcium nitrate with 25% water of crystallization. All nitrogen is in the nitrate form. It contains no ammonium (NH_4) nitrogen.

pH (10% solution) : 6.5
 Water insolubles : 0.0%
 Melting point : 51° C. (122°-126° F.)
 1.84 g/ml (@ 130° F.) : 1.84 g/ml (@ 130° F.)
 58-63 lbs./ft.3 : 58-63 lbs./ft.3

PRODUCT SPECIFICATION

TYPICAL ANALYSIS

UNITS

Calcium content (as Ca)	18.3%	wt./wt.
Calcium content as calcium oxide (CaO)	26%	wt./wt.
Ammonium nitrogen content (Nh4)	0%	wt./wt.
Nitrate nitrogen content (No3)	13.0%	wt./wt.
Total nitrogen (N)	13.0%	wt./wt.
Copper (Cu)	n.d.	ppm
Iron (Fe)	n.d.	ppm

Manganese (Mn)	n.d.	ppm
Lead (Pb)	n.d.	ppm
Cadmium (Cd)	n.d.	ppm
Nickel (Ni)	n.d.	ppm
Chromium (Cr)	n.d.	ppm

(n.d.: none detected)

PACKAGING

Americal is packaged in polyethylene bags. Net weight: 25 kg

STORAGE AND HANDLING

Keep container closed when not in use. Store in dry warehouse. Do not expose container to extreme heat.

CAUTION

May cause irritation to eyes and skin. The human body absorbs nitrates both through skin absorption and dust inhalation. For additional safety and handling information, refer to the material safety data sheet for this product.

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