



## PRODUCT INFORMATION

# **PURECAL**

## **Calcium Nitrate Fertilizer**

### **13-0-0-18 (Ca)**

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

## 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 ( $\text{NH}_4$ ) nitrogen.

pH (10% solution)	6.5
Water insolubles	0.0%
Melting point	51° C. (122°-126° F.)
Specific Gravity	1.84 g/ml (@ 130° F.)
Bulk Density	58-63 lbs./ft. <sup>3</sup>

## PRODUCT SPECIFICATION

	<b>Typical Analysis</b>	<b>Units</b>
Calcium content (as Ca)	18.3%	wt./wt.
Calcium content as calcium oxide (CaO)	26%	wt./wt.
Ammonium nitrogen content ( $\text{NH}_4$ )	0%	wt./wt.
Nitrate nitrogen content ( $\text{NO}_3$ )	12.8%	wt./wt.
Total nitrogen (N)	12.8%	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**

PureCal 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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