

## FEATURES

- ▶ Cost Effective
- ▶ Source of calcium for soil conditioning
- ▶ Source of calcium for animal nutrition

## BENEFITS

- ▶ All ECO-CAL® products are generated during the crushing and screening process of calcite ore mined in Adams, MA.

## SHIPPING INFORMATION

ECO-CAL® products ship from Adams, MA

Product is available in 50 LB. bags and supersacks.

For availability and minimum order quantity, contact customer service.

## SALES OFFICES

Adams, MA  
877-684-7267

Bethlehem, PA, USA  
800-801-1031

[www.mineralstech.com](http://www.mineralstech.com)

# ECO-CAL® LKD (ADAMS, MA)

## Calcium Carbonate Co-Product Series

### Product Description

Specialty Minerals' ECO-CAL® LKD is a co-product generated during the calcination of calcite ore mined in Adams, MA. ECO-CAL® LKD, commonly referred to as kiln dust (LKD), can be used in a myriad of applications (see below) as well as lime replacement.

- Cement
- Waste sludge treatment
- Waster water treatment
- pH stabilization of sludge and ash
- Acid Neutralization
- Soil stabilization
- flue gas desulfurization
- Landfill capping
- Agriculture (soil treatment)

### Typical Physical Properties

Specific Gravity	2.7
Dry Brightness (Hunter Y, Rd value)	74
Bulk Density	
(pounds/ft <sup>3</sup> ) poured	75-80
(pounds/ft <sup>3</sup> ) tapped	95-100

### Chemical Composition (Typical)

Calcium Carbonate (CaCO <sub>3</sub> )	61%
Total Calcium Oxide (CaO)	56%
Available Calcium Oxide (CaO)	27%
Magnesium Oxide (MgO)	1%
Moisture (% weight loss @ 110° C)	<0.1%
Loss on Ignition L.O.I. (Total Alkali Content)	26 89%
Total Neutralizing Value	109%

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