



# New Enterprise Stone & Lime Co., Inc.

P.O. Box 77 • New Enterprise, Pennsylvania 16664 • Corporate Office: 814-766-2211  
Fax: 814-766-4400

## CERTIFICATION (fine aggregate)

**DATE:** April 7, 2005  
**PLANT:** Ashcom Plant (000067) Bedford County  
NEW ENTERPRISE STONE & LIME CO., INC.  
**TYPE:** High Calcium Pulverized Limestone  
Current Production tested by Dave Miller  
**STATE REPRESENTED:** Pennsylvania

We hereby certify that the High Calcium Pulverized Lime as manufactured by our plant located in Ashcom, Bedford County, Pennsylvania is represented by the following chemical and mechanical analysis.

### CHEMICAL ANALYSIS

Calcium (Ca)	= 33.0%
Calcium Oxide (CaO)	= 47.0%
Calcium Carbonate (CaCO <sub>3</sub> )	= 82.5%
Calcium Carbonate Equivalent	= 91.0%
Magnesium (Mg)	= 1.8%
Magnesium Oxide (MgO)	= 3.0%
Magnesium Carbonate (MgCO <sub>3</sub> )	= 6.0%
ENV	= 66%

### GRADATION

#20	95
#60	60
#100	50

Respectfully submitted,

NEW ENTERPRISE STONE & LIME CO., INC.

David S. Chilcote, Sr.  
MANAGER TECHNICAL SERVICES

# MATERIAL SAFETY DATA SHEET

<b>MANUFACTURER'S NAME:</b> New Enterprise Stone & Lime Co., Inc.
<b>ADDRESS:</b> P.O. Box 77, New Enterprise, PA 16664
<b>DATE PREPARED:</b> Revised: 11/17/03      Supersedes: 01/01/93

<b>TRADE NAME:</b> Pulverized Limestone/ Ag Lime/ Barn Dri / Fort Bedford 1+1, Lawn & Garden Limestone	<b>INFORMATION PHONE #</b> (814) 766-2211
<b>CHEMICAL NAME:</b> Limestone	<b>EMERGENCY PHONE #</b> (814) 766-2211

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Material	(CAS #)	%	ACGIH(TLV)	OSHA (PEL)
Limestone*	1317-65-3	100	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
*While limestone composition varies, it typically contains Crystalline Silica	14808-60-7	0.1-6	0.05 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> + (% Silica +2)

## PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Gray/white powder; no odor	Specific Gravity (H <sub>2</sub> O=1): 2.68-2.84
Boiling Point: N/A	% Volatile by Volume: N/A
Vapor Pressure (mm Hg): N/A	Evaporation Rate (Butyl Acetate=1): N/A
Vapor Density (air=1): N/A	Solubility in water (%): 0.1 g/l (slight)

## FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point (method used): N/A	Flammable Limits: LEL - N/A
Extinguishing Media: None	UEL - N/A
Special Fire Fighting Procedures: None	Unusual Fire or Explosion Hazards: None

## REACTIVITY INFORMATION

<u>Stability:</u> Stable	<u>Hazardous Decomposition or Byproducts:</u> None
<u>Conditions to Avoid:</u> Reacts with acids. Contact with powerful oxidizing agents may cause a fire and/or explosion.	
<u>Hazardous Polymerization:</u> Will not occur	

## SAFE HANDLING AND USE (SPECIAL PROTECTION INFORMATION)

Ventilation: Local exhaust or general dilution ventilation is the preferred control method if dust from the use of this product generates exposures above established limits.

Respiratory Protection: At a minimum, a fitted, NIOSH-approved, P100 particulate respirator shall be worn if exposures exceed established limits.

Protective Gloves: None needed.

Eye Protection: Tight fitting goggles shall be worn if dust is formed from the use of this product.

Other Protection Needed: Wetting the material during use will reduce dust.