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SAFETY DATA SHEET

Fast-Acting Limestone Pellets

1. IDENTIFICATION

Product Names:

LimeLite, LimeLite Pro, LimeLite Pro Cal

Identified uses: Acid Soil Treatment
 Manufacturer: Austinville Limestone Co.
 223 Newtown Church Rd, Austinville VA 24312
 Manufacturing Site: Austinville Virginia, USA
 Emergency Telephone: +1 (800) 424-9300 CHEMTREC

2. HAZARD(S) IDENTIFICATION

GHS Classification: Physical and Chemical Hazards: Not classified.
 Human Health: Quartz: STOT RE 1 – H372.
 Environment: Not classified.

GHS Pictogram:



Signal Word: Danger
 Hazard Statement: H372 Causes damage to lungs through prolonged or repeated exposure via inhalation.
 Precautionary Statements: P260 Do not breathe dust.
 P285 In case of inadequate ventilation wear respiratory protection.
 P501 Dispose of contents/containers in accordance with local regulations.

Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

3. COMPOSITION / INGREDIENTS

Ground Limestone (Calcium Carbonate)	>95%
CAS No.: 1317-65-3	EC No.:
GHS Classification:	Not classified.
Quartz	<1.5%
CAS No.: 14808-60-7	EC No.: 238-878-4
GHS Classification:	STOT RE 1 – H372
Ammonium Lignin Sulfonate	<3%
CAS No.: 8061-53-8	EC No.:
GHS Classification:	Not classified.
Sodium Gluconate (chelating agent)	2%
CAS No.: 527-07-01	EC No.:
Classification:	Not classified.

4. FIRST-AID MEASURES

Description of first aid measures:

Inhalation:	Remove to fresh air.
Ingestion:	Drink plenty of water. Never give liquid to an unconscious person.
Skin Contact:	Wash skin thoroughly with soap and water.
Eye Contact:	Immediately rinse with water for several minutes.

5. FIRE-FIGHTING MEASURES

Auto Ignition Temperature (°C)	Not applicable.
Flammability Limit – Lower (%)	Not applicable.
Flammability Limit – Upper (%)	Not applicable.
Flash point (°C)	Not applicable.
Extinguishing Media	The product is non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Use proper respiratory and personal protective equipment. MSHA / NIOSH or OSHA / NIOSH approved respirator recommended. Spilled materials may cause slippery conditions when wet. Care should be exercised when walking on spills on floors or concrete pads.

Spill Clean Up Methods:

Vacuum, pump or scoop spilled material into containers for reclaiming or disposal. Do not discharge into drains, watercourses or onto the ground.

7. HANDLING AND STORAGE

Handling:

Minimize dust generation and accumulation. If excessive dust is generated, provide adequate ventilation and use proper respiratory and personal protective equipment.

Storage:

Store in a cool and well-ventilated place. Store away from acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Standard	TWA (8-hrs)
Limestone	PEL	15 mg/m ³
	ACGIH	2 mg/m ³
Quartz	PEL	0.1 mg/m ³
	ACGIH	0.025 mg/m ³
Ammonium Lignin Binder	PEL	15 mg/m ³
	ACGIH	

Component	IDLH
Quartz	25 mg/m ³

ACGIH: American Conference of Governmental Industrial Hygienists.

Engineering Measures:

Use exhaust ventilation, if required, to maintain dust concentration below recommended exposure limits.

Respiratory Equipment:

If respirator is required, use of a MSHA / NIOSH or OSHA / NIOSH approved respirator is recommended.

Hand Protection:

Rubber gloves are recommended for prolonged exposure.

Eye Protection:

Wear side shield safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granular.
Color:	Brown.
Odor:	Slightly woody odor.
Solubility:	Slightly soluble in water.
Boiling point and boiling range:	Not applicable.
Melting point:	Decomposes at ~825°C.
Flash point:	Not applicable.
Auto Ignition Temperature (°C):	Not applicable.
Flammability Limit – Lower (%):	Not applicable.
Flammability Limit – Upper (%):	Not applicable.

10. STABILITY AND REACTIVITY

Reaction with: Acids.
Stability: No particular stability concerns. Not applicable.
Conditions to Avoid: Avoid contact with acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Acute Toxicity (Oral LD50) 6450 mg/kg Rat

12. ECOLOGICAL INFORMATION

Ecotoxicity: The product is not expected to be hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Under RCRA (40 CFR 261) ground limestone is a non-hazardous waste. Dispose of waste material in accordance with all local, state and federal requirements.

14. TRANSPORT INFORMATION

Environmentally Hazardous Substance / Marine Pollutant
No

15. REGULATORY INFORMATION

OSHA Hazard Communications Standard, 29 CFR 1910.1200: Material is considered hazardous. See Section 2.

RCRA: Material is not defined as a hazardous waste per 40 CFR 261.

CERCLA: Material is not reportable under CERCLA; local requirements may vary.

SARA: 311/312 Hazard Categories – Immediate and Delayed Health; 313 Reportable Ingredients – none.

California Proposition 65: This product contains chemicals known to the State of California to cause cancer.

EU REACH Regulations: Exempted in accordance with Annex V.7

WHMIS: Limestone products do not meet the criteria for WHMIS classification and are thus not included on the disclosure list

Additional regulatory information available on request

16. OTHER INFORMATION

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PERSONAL PROTECTION	E

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Revision Date

05/15/2015 SDS No: V3