



SAFETY DATA SHEET for Limestone (Calcium Carbonate)

Effective Date: June 2012

I. PRODUCT/COMPANY IDENTIFICATION

Manufacturer's Name and Address:
Kinsley Materials – Pen Roc Operation
495 Pen Roc Drive
York, PA 17408

Trade Name:
Ground Calcium Carbonate

Common Name:
Limestone

Emergency Telephone:
800-284-1046

Product Names:
GPR4, GPR6, GPR100, GPR200, GPR270, GPR325, GPR200RP, GLT, FBM50

II. COMPOSITION INFORMATION

<u>Chemical Name</u>	<u>% By Weight</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>AGCIH TLV-TWA</u>
Calcium Carbonate	75-90	Limestone	1317-65-3	See Section III and IV
Magnesium Carbonate	5-15	Limestone	546-93-0	
Free Silica	.1-2	Quartz	14808-60-7	

III. HEALTH HAZARD DATA

ROUTE OF ENTRY: Inhalation (Dust)
HEALTH EFFECTS:
Inhalation: May cause irritation, cough and sneezing.
Eyes: May cause irritation.
Skin: May cause dryness and irritation.

CARCINOGENIC POTENTIAL:

Limestone is not listed as a carcinogen by NTP, OSHA, or IARC. It may, however, contain trace amounts of substances listed as carcinogens by these organizations.

IV. FIRST AID AND MEDICAL DATA

TREATMENTS:

Inhalation: Move individual to fresh air. Contact physician if necessary.
Eyes: Flush eyes with water for 15 minutes. Contact physician if irritation persists or develops.
Skin: Wash with soap and water.

V. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Flammable
Explosion Risk: None
Fire Risk: None

VI. SPILL AND WASTE DISPOSAL

In case of spills: Normal clean up for non-hazardous materials. Wetting of spilled materials may be necessary.
Waste Disposal: Normal disposal for non-hazardous material. Clean material can be reused. Dusting may result from handling.
Precautions: Use precautions in Section VIII.

VII. HANDLING AND STORAGE

Individuals handling materials listed on this Safety Data Sheet should be knowledgeable and have proper training before using these products.

Handling:	Avoid skin and eye contact. Avoid creating airborne dust. Keep in closed containers. Protect containers from physical damage.
Storage:	Store under dry conditions.
Precautions:	Use precautions in Section VIII.

VIII. PERSONAL PROTECTION INFORMATION

Respiratory:	NIOSH approved dust respirators where levels exceed exposure limits. Dust mask will minimize nuisance dust.
Ventilation:	Local exhaust. Mechanical exhaust may be required in confined space.
Protective Gloves:	Not required.
Eye Protection:	Safety glasses with a side shield at a minimum.
Hygienic Practices:	Wash dust exposed skin with soap and water. Wash work clothes after use.
Other equipment:	Eyewash solution should be available near work area for removing dust from eyes.

IX. PHYSICAL/CHEMICAL CHARACTERISTICS

Physical State:	Solid
Odor & Appearance:	Odorless, white or gray in powder and granular form
Melting Point:	1339° C at 103 ATM
Water Solubility:	0.14g CaCO ₃ at 25° C
Specific Gravity:	2.71
Solubility in Other Reagents:	Soluble in acids. Calcium salts will form in the presence of acid.

X. CORROSIVENESS AND REACTIVITY DATA

Stability:	Stable
Incompatibilities:	Reacts with acids and Fluorine.
Hazardous Decomposition:	Silica containing respirable dust particles may be generated by handling.
Hazardous Polymerization:	Will not occur.

XI. TOXICOLOGICAL INFORMATION

Exposure:	Refer to Section VIII.
Irritancy:	Can cause irritation of eyes, skin and respiratory tract.
Chronic Exposure:	Chronic exposure to respirable limestone dust in excess of exposure limits may cause pneumoconiosis (lung disease). Chronic exposure to quartz containing limestone dust in excess of appropriate exposure limits may cause silicosis, a progressive pneumoconiosis. Chronic tobacco smoking may further increase the risk of developing chronic lung problems.

XII. ECOLOGICAL INFORMATION

Calcium Carbonate is ecologically neutral.

XIII. DISPOSAL

Dispose according to federal, state and local environmental regulations.

XIV. TRANSPORTATION

Not hazardous under U.S. Department of Transportation (DOT) regulations.

XV. OTHER REGULATORY INFORMATION

Status under USDOL OSHA Hazard Communication rule, 29 CFR 1910.1200

Limestone is considered a "hazardous chemical" under this regulation, and should be part of any hazard communication program.

Status under CERCLA/SUPERFUND 40 CFR 117 and 302

Not listed.

Hazard Category under SARA (Title III) Sections 311 and 312

Limestone qualifies as a "hazardous substance" with delayed health effects.

Status under SARA (Title III) Section 313

Not subject to reporting requirements under Section 313.

Status under TSCA (as of May 1997)

Some substances that may occur naturally in limestone are on the TSCA inventory list.

Status under the Federal Hazardous Substances Act

Limestone is a "hazardous substance" subject to statutes promulgated under the subject act.

Status under California Proposition 65

This product contains up to 0.05 percent chemicals (trace elements) known to the State of California to cause cancer, birth defects or other reproductive harm. California law requires the manufacturer to give the above warning in the absence of definitive testing to prove that the defined risks do not exist.

XVI. OTHER INFORMATION

Prepared by:

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Based on research of available data, Kinsley Materials believes that the information contained in this Material Safety Data Sheet (MSDS) is accurate. The suggested procedures are based on data and experience as of the date of preparation of the MSDS. The suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules, or insurance requirements. Kinsley Materials' preparation of this MSDS should not be construed, in any way, as an agreement to be subject to MSHA/OSHA jurisdiction, as applicable.

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