

U S LIME COMPANY – St Clair
MATERIAL SAFETY DATA SHEET

MSDS Number: St Clair Calcium Carbonate
Revision Date: 01/11/2011

1. Product and Company Identification

Product Name: Calcium Carbonate

Synonyms: Pulverized Limestone (PLS)
Ground Calcium Carbonate (GCC)

“203 & “207”

Company Identification:

U S Lime Company – St Clair
P.O. Box 160
Marble City, OK 74945

Information: 918 775-4466

Emergency: 800 366-5106

2. Composition/Information on Ingredients

Component	CAS #	Formula	Appox % by weight
Calcium Carbonate	471-34-1	CaCO ₃	Avg. <98.0%
Magnesium Carbonate	39409-82-0	MgCO ₃	Avg. 1.0 %-3.0%
Silicon Dioxide	7631-86-9	SiO ₂	Avg. < 2.0 %
Iron Oxide	1309-37-1	Fe ₂ O ₃	Avg. < .50 %
Other Trace Metals			<1.0 %

NFPA Rating: HEALTH 0 FLAMMABILITY 0 REACTIVITY 0 SPECIAL NONE

3. Hazards Identification

Emergency Overview:

Potential Health Effects

Eyes: particles in eyes – Simply cleanse eyes with water

Skin: no hazard

Ingestion: no hazard

Inhalation: no hazard - Dust masks meeting NIOSH N95 rating are sufficient for casual exposure.

Medical Conditions Aggravated by Exposure: Contact may aggravate disorders of eyes and respiratory system as any dust would.

Potential Environmental Effects: None

4. First Aid Measures None Required

5. Fire Fighting Measures

Fire Hazards: Limestone is not combustible or flammable and is not considered to be an explosion hazard.

Hazardous Combustion Products: None.

Extinguishing Media: N/A.

Fire Fighting Instructions: N/A

6. Accidental Release Measures

Spill /Leak Procedures:

Aquatic Toxicity: None

Waste Disposal Method: Normal disposal in a landfill, no extraordinary measures required.

Steps to be taken if material is released or spilled: Normal Housekeeping

Neutralizing Chemicals: N/A

7. Exposure Controls/Personal Protection

Engineering Controls: Provide ventilation adequate to maintain

Respiratory Protection: Disposable particulate dust mask

Gloves: N/A

Eye Protection: Use safety glasses with side shields or safety goggles.

Other: NONE

8. Physical and Chemical Properties

Appearance: Light Tan, No Order

Odor: Slightly “earthy” but not offensive

Physical State: Solid

Melting Point: NA

Vapor Pressure: N/A

Boiling Point: Decomposes @ 1649 degrees F

Vapor Density: NON-VAPOROUS

Specific Gravity: 2.7

Solubility in Water: ~.015 GPL

Nominal Bulk Density: 85 LB/CF

9. Reactivity

Stability: Chemically stable.

Incompatibility: Acids

Conditions to Avoid: NA

Hazardous Decomposition Products CO₃

Hazardous Polymerization: Will Not Occur

10. Transportation Information:

Calcium Carbonate (Limestone) is not classified as a hazardous material by DOT when transported by any means.

11. Regulatory Information:

EPA Regulations:

RCRA Hazardous Waste Number: not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261): not classified

CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b) (4); CWA, Sec. 307 (a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ) not listed.

SARA 311/312 Codes: not listed.

SARA Toxic Chemical (40 CFR 372.65): not listed.

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ): not listed.

All chemical ingredients are listed on the USEPA TSCA Inventory List.

OSHA/MSHA Regulations:

Air Contaminant Respirable (29 CFR 1910.1000, Table Z-1, Z-1-A): 5 mg/M³ TWA-8

Air Contaminant Total Dust (29 CFR 1910.1000, Table Z-1, Z-1-A): 15 mg/M³ TWA-8

MSHA: not listed.

OSHA Specifically Regulated Substance (29CFR 1910) not listed.

State Regulations: Consult state and local authorities for guidance.

The above MSDS complies with MSHA'S Hazard Communication Standard 30 CFR, Part 47 and OSHA's Hazard Communication standard 29 CFR 1910.1200 and OSHA form 174. We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied.