

**Arkansas Lime Company**  
**MATERIAL SAFETY DATA SHEET**

MSDS Number: ALC Calcium Carbonate  
Preparation Date: January 11, 2011

**1. Product and Company Identification**

**Product Name:** Calcium Carbonate

**Synonyms:** Limestone, Quarry Rock

**Company Identification:**

Arkansas Lime Company  
P.O. Box 2356  
Batesville, AR 72501

Information: 870 793-2301

Emergency: 800 252-5580

**2. Composition/Information on Ingredients**

Component	CAS #	Formula	Appox % by weight
Calcium Carbonate	471-34-1	CaCO <sub>3</sub>	Avg. <98.0%
Magnesium Carbonate	39409-82-0	MgCO <sub>3</sub>	Avg. <1.0 %
Silicon Dioxide	7631-86-9	SiO <sub>2</sub>	Avg. < 1.2 %
Iron Oxide	1309-37-1	Fe <sub>2</sub> O <sub>3</sub>	Avg. < .68 %
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** CO<sub>3</sub>

**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/M<sup>3</sup> TWA-8

Air Contaminant Total Dust (29 CFR 1910.1000, Table Z-1, Z-1-A): 15 mg/M<sup>3</sup> 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.**