

# Amarillo Road Company

## Material Safety Data Sheet

I - IDENTIFICATION			
CHEMICAL NAME Limestone	CHEMICAL FORMULA CaCO <sub>3</sub>	MOLECULAR WEIGHT Not Applicable	
TRADE NAMES/SYNONYMS Calcium Carbonate, crushed limestone, ground limestone, Ground Calcium Carbonate, Calcium		DOT IDENTIFICATION NO. Not Restricted	
II - PRODUCT AND COMPONENT DATA			
COMPONENT(S) CHEMICAL NAME Calcium Carbonate Silica ( <i>concentrations of less than 1%</i> )		CAS REGISTRY NO. 1317-65-3 14808-60-7	
%APPROXIMATE CaCO <sub>3</sub> 95-100	ACGIH-TLV-TLW See Section VI	OSHA PEL	
III - PHYSICAL DATA		IV - REACTIVE DATA	
APPEARANCE & ODOR white, tan odorless grains	SPECIFIC GRAVITY 2.73	STABILITY Stable	CONDITIONS TO AVOID None Known
BOILING POINT N/A	VAPOR DENSITY(AIR=1) N/A	INCOMPATIBILITY None Known	
VAPOR PRESSURE N/A	%VOLATILE, By Volume N/A		
HAZARDOUS DECOMPOSITION PRODUCTS Respirable dust may be generated by handling and may contain a small amount of silica			
EVAPORATION RATE N/A	SOLUBILITY IN WATER Insoluble	HAZARDOUS POLYMERIZATION Will not occur	
V - FIRE AND EXPLOSION DATA			
FLASHPOINT(Method used) Not Flammable		FLAMMABLE LIMITS IN AIR Not Flammable	
EXTINGUISHING AGENTS None Required		UNUSUAL FIRE & EXPLOSION HAZARDS None Known	
VI - TOXICITY AND FIRST AID			
EXPOSURE LIMITS	Unless specified otherwise, limits are expressed as Milligrams of substance per cubic meter of air		
	ACGIH-TLV	OSHA CFR 1910.1000 TWA	
CaCO <sub>3</sub>	10.0 mg/m <sup>3</sup>	15.0 For Total Dust/5.0 For respirable Dust	
Silica	0.05 mg/m <sup>3</sup> TWA	0.05 mg/m <sup>3</sup> TWA For Respirable Dust	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE Nuisance dusts have little adverse effect on lungs and do not produce significant organic disease or toxic effects when exposures are kept below occupational exposure limits.			
PRIMARY ROUTE OF EXPOSURE:		INHALATION	<input checked="" type="checkbox"/> SKIN <input type="checkbox"/>

<b>ACUTE TOXICITY</b>	Exposure to dust may irritate respiratory system, eyes and skin
Contact.....	No Adverse Effects
Eye Contact.....	May cause irritation if exposed to large amounts of dust
Ingestion.....	Non- Hazardous
Skin Absorption.....	No Adverse Effects

**FIRST AID** **DUST IN EYES** -Flush with water. Contact a Physician if irritation persists.  
**DUST ON PREVIOUSLY IRRITATED SKIN**- Wash with soap and water. Contact a Physician if irritation continues.  
**DUST INHALATION** - Remove to fresh air. Dust in throat and nasal passages should clear. Contact a Physician if irritation continues.

**CHRONIC TOXICITY**

Effect and hazards of chronic exposure:  
There are no reported health effects associated with repeated or prolonged exposure to calcium carbonate. Overexposure to calcium carbonate dust may increase the risk of developing pneumoconiosis (lung disease). Being a naturally occurring mineral this product contains minimal amounts of crystalline silica as an impurity. Prolonged exposure to respirable crystalline silica at levels above the occupational exposure limits may increase the risk of developing silicosis.

**VII - PERSONAL PROTECTION AND CONTROLS**

<b>RESPIRATORY PROTECTION</b>		<b>HMIS RATING SYSTEM</b>	
NIOSH-MSHA approved dust respirators for conditions where dust levels exceed appropriate exposure limits. Respirator use must comply with applicable MSHA or OSHA standards, which include provisions for user training program, respirator fit testing and other requirements.		<b>C.A.S. No. 1317-65-3</b>	
		HEALTH HAZARD	0
		FLAMMABILITY HAZARD	0
		REACTIVITY HAZARD	0
		MAXIMUM PERSONAL PROTECTION	A
<b>VENTILATION</b>	<b>SKIN PROTECTION</b>		
Local exhaust or general ventilation adequate to maintain exposures below appropriate exposure limits.	See hygiene section below.		
<b>EYE PROTECTION</b>	<b>HYGIENE</b>		
Safety glasses with side shields should be worn as minimum protection.	Wash dust exposed skin with soap and water.		

**OTHER CONTROL MEASURES**  
Respirable dust levels should be monitored regularly when appropriate limits are likely to be exceeded.

**USE AND HANDLING PRECAUTIONS**

Respirable dust may be generated during processing, handling and storage. The controls identified in section VII of this MSDS should be applied as appropriate. Suggest storing in a dry area.

**CLEANUP, STORAGE, AND DISPOSAL PRACTICES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

The controls identified in section VII of this MSDS should be applied as appropriate. Spilled materials, where dust can be generated may over expose cleanup personnel to respirable dust. Wetting of spilled materials will eliminate dust and allow for easy cleanup.

**- TRANSPORTATION**

<b>DOT HAZARD CLASSIFICATION</b>	<b>PLACARD REQUIRED</b>
NONE	NONE

FOR FURTHER INFORMATION CONTACT:

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