



# MATERIAL SAFETY DATA SHEET

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MSDS No. CC 07  
Effective Date February 1, 1999

## SECTION V HEALTH HAZARD DATA

CC 07

**Threshold Limited Value** None listed for Calcium Carbonate, tablets. (ACGIH 1992-93).

**Effects of Overexposure**  
Low hazard. Calcium carbonate in the form of dust may cause mild irritation to eyes, nose, throat and mucous membranes.

**Emergency and First Aid Procedures**  
**SKIN:** Flush with plenty of water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **INHALATION AS DUST:** Remove to fresh air. If discomfort or illness develops, get medical attention. **INGESTION:** Rinse mouth with tap water. If illness occurs, get medical attention. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Acids and acid fumes.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Acids; can react violently with fluorine, (Mg + H<sub>2</sub>).

**Hazardous Decomposition Products** Calcium Oxide (quick lime).

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>		Not applicable.
	<b>May Occur</b>	<b>Will Not Occur</b>	
		X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Care should be taken to avoid causing dust. Sweep up and place in a suitable container for proper disposal.

**Waste Disposal Method** Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.  
Uncontaminated material may be disposed of in a sanitary landfill.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None should be needed in normal laboratory handling. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask.

<b>Ventilation</b>	<b>Local Exhaust</b>	Recommended.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Not needed.	<b>Other</b>	No.

**Protective Gloves** Rubber. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Lab coat, proper gloves, and eye wash station.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry place away from acids and acid fumes.  
Keep container tightly closed when not in use.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.  
Wash thoroughly after handling.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.  
**Revision** No. 2 **Date** 2/1/99 **Approved** Michael Raszeja **Chemical Safety Coordinator** MR

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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	CALCIUM CARBONATE, Tablets	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177  <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4  <b>HMIS *</b> HEALTH FIRE REACTIVITY 0 0 0
<b>Chemical Synonyms</b>	N/A	
<b>Formula</b>	Mixture	
<b>Unit Size</b>	up to 150 tablets	
<b>C.A.S. No.</b>	Mixture	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Calcium Carbonate: (CAS No. 471-34-1)	85%	See Section V.
Magnesium Hydroxide: (CAS No. 1309-42-8)	15%	

LOW HAZARD FOR USUAL LABORATORY HANDLING.

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	2.7-2.93
<b>Boiling Point (°F)</b>	Decomposes.	<b>Percent Volatile by Volume (%)</b>	Non-volatile (NA).
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Evaporation Rate</b> (=1)	Not applicable.
<b>Vapor Density (Air=1)</b>	N/A		
<b>Solubility in Water</b>	0.001% at 0°C; 0.002% at 100°C.		
<b>Appearance &amp; Odor</b>	White tablets; odorless.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Non-flammable.	<b>Flammable Limits in Air % by Volume</b>	N/A	<b>Lower</b>	<b>Upper</b>
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**Extinguisher Media** Use any media suitable for extinguishing supporting fire.

## SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved, self-contained breathing apparatus.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20