

# MATERIAL SAFETY DATA SHEET

MSDS No. 000360

## OSHA HAZARD COMMUNICATION

<b>PRODUCT IDENTIFICATION</b>	<b>CHEMICAL ABSTRACT NUM.</b>	<b>DATE REVISED</b>
<b>Calcium Carbonate - Precipitated (PCC)</b>	<b>CAS No. 471-34-1</b>	<b>01/01/2004</b>

### Section I

SUPPLIER: HARCROS CHEMICALS, INC.

5200 Speaker Road

Kansas City, KS 66106-1095

SUPPLIERS TELEPHONE NUMBER: 913-321-3131

TRANSPORTATION EMERGENCY TELEPHONE NUMBER: 1-800-424-9300

### HMIS II SAFETY RATING

Health - **0**

Flammability - **0**

Physical Hazard - **0**

Personal Protective Equip. - **A**

PRODUCT NAMES: **Calcium Carbonate:** (#1 White, Atomite, Hubercarb, Precipitate, 200 Mesh, ABC 325M, Camelwite, Codex, Codex FCC, Drikalite, Duramite, Q1, Quincy WT, Supercoat);  
**T-Carb:** (2000, Magna, Microwhite 25, Microwhite 50, Ultra, 100C, Centra, Omya-Carb 3);  
**Gamasperse 6451**

### Section II – Hazardous Ingredients / Identity Information

<b>Specific Chemical Identity; Common Names</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits Recommended</b>	<b>% (Optional)</b>
Calcium Carbonate – Total	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		> 99.9 %
Calcium Carbonate – Respirable	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>		
Crystalline Silica (Quartz)- Respirable	0.1 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>	OSHA Calculation	< 0.1 %

Precipitated Calcium Carbonate is not listed on the NTP, IARC, or OSHA lists of carcinogens. Mississippi Lime Company recommends using a dust mask when handling this product.

### Section III – Physical / Chemical Characteristics

Boiling Point (Calcium Oxide)	5162 °F	Specific Gravity (H <sup>2</sup> O) = 1)	2.85
Vapor Pressure (mm Hg)	NA	Melting Point – Loses CO <sup>2</sup>	1520 °F
Vapor Density (Air = 1)	NA	Evaporation Rate	NA
Solubility in Water	0.001% @ 0 ° C; 0.002% @ 100 ° C		
Appearance and Color	White powder or liquid; odorless		

### Section IV – Fire and Explosion Hazard Data

Flash Point	NA	Flammable Limits – NA
Extinguishing Method	NA	
Special Fire Fighting Procedures	NA	
Unusual Fire and Explosion Hazards	NA	

### Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid – NA
	Stable	X	
Incompatibility (Materials to Avoid)		Acids, Fluorine	
Hazardous Decomposition or Byproducts		None	
Hazardous Polymerization	May Occur		Conditions to Avoid – NA
	Will Not Occur	X	

# MATERIAL SAFETY DATA SHEET

HARCROS CHEMICALS, INC.  
MSDS No. 104583

## OSHA HAZARD COMMUNICATION

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<b>Calcium Carbonate - Precipitated (PCC)</b>	<b>CAS No. 471-34-1</b>	<b>01/01/2004</b>

## Section VI – Health Hazard Data

Route(s) of Entry	Inhalation? - YES	Absorption Through Skin? - NO	Ingestion (swallowing)? - YES
Health Hazards	Acute	Dust is irritating to eyes and respiratory tract.	
	Chronic	No effects known in humans.	
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
Calcium Carbonate	NO	NO	NO
Signs and Symptoms of Exposure	Redness in eyes and / or excessive coughing.		
Medical Conditions Generally Aggravated by Exposure	Respiratory disease.		
Emergency and First Aid Procedures	Remove to fresh air. Wash dust with soap and water. Flush out eyes with generous amounts of water. Drink plenty of water if swallowed. See Physician.		

## Section VII – Precautions for Safe Handling

Steps to Be Taken in Case Material is Released or Spilled	Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.
Waste Disposal Method	Dispose of product in accordance with Federal, State and Local regulations.
Precautions to Be Taken in Handling	Store away from incompatible substances and acids.
Other Precautions	None.

## Section VIII – Control Measures

Respiratory Protection – Dust filter mask is recommended as minimal protection		
Ventilation	Local Exhaust – To maintain TLV and PEL Mechanical – To maintain TLV and PEL	Special – None Other – None
Protective Gloves – Cloth or leather gloves will protect skin		
Eye Protection – Fitted goggles will reduce eye injury		
Other Protective Clothing – Long sleeve shirts and pants		
Work / Hygienic Practices – Maintain dust exposure limits below TLV and PEL. If not possible – use respiratory protection		

## Section IX – Regulatory Compliance

Listed on the U.S. EPA TSCA Inventory. Not regulated as a hazardous material by the Department of Transportation. Contains compounds listed as carcinogens in the State of California (Prop 65).

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Harcros Chemicals, Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration, and investigation. You should satisfy yourself that you have all current data relevant to your particular use. Harcros Chemicals, Inc. knows of no medical condition, other than those noted on this Material Safety Data Sheet, which are generally recognized as being aggravated by exposure to this product.