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In Case Of Emergency Call Chemtrec®  
(U.S.) (800) 424-9300  
(International) (703) 527-3887

## Calcium Carbonate Safety Data Sheet

### 1. Product and Company

Product name: Calcium Carbonate

Synonym: Chalk, Whiting, Calcium Salt of Carbonic Acid

CAS-No.: 471-34-1

Company: Hummel Croton Inc.  
10 Harmich Rd.  
South Plainfield, NJ 07080

Telephone: 908-754-1800  
Fax: 908-754-1815

HMIS Rating	
Health	1
Flammability	0
Reactivity	0
Personal Protection	E

Emergency telephone number

Emergency Phone #: Chemtrec US: 800-424-9300  
Chemtrec International: 703-527-3887

### 2. Hazards

#### GHS Label elements

Pictogram(s) Not a hazardous substance or mixture.

Signal word Not a hazardous substance or mixture

Hazard statement(s)

None

Precautionary statement(s)

None

Hazards not otherwise classified (HNOC) or not covered by GHS

None.

### 3. Composition/Ingredients

Substance  
Formula:  $\text{CaCO}_3$   
Molecular weight: 100.09 g/mol  
CAS-No.: 471-34-1

Material	CAS	%	OSHA	ACGIH
Calcium Carbonate	471-34-1	95-99%	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Magnesium Carbonate	546-93-1	0.2-2%	Not Established	Not Established
Crystalline Sillica	14808-62-7	0.1-1%	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

### 4. First Aid

**First Aid For Eye:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**First Aid For Skin:** In case of contact, flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.

**First Aid For Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**First Aid For Ingestion:** If swallowed, call a physician immediately.

### 5. Fire Data

Flammability: Non-Flammable

Flash Point: Not Applicable

Auto Ignition: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Material is non-combustible. Follow fire-extinguishing measures for surrounding combustibles.

Fire Fighting Procedure: Firefighters should wear self-contained breathing apparatus and prevent contact with skin and eyes.

Fire/Explosion Hazards: Emits CO<sub>2</sub> under fire conditions.

### 6. Accidental Release

Spill Or Leak Procedures: Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water.

### 7. Handling And Storage

Storage Temperatures: Store at ambient temperature

Shelf Life: Unlimited in tightly sealed container

Special Sensitivity: None.

Handling/Storage Precautions: Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight, heat and incompatible materials. Reseal containers immediately after use. Store away from food and beverages.

## 8. Exposure Controls/Personal Protection

Eye Protection: Safety glasses or goggles.

Skin Protection: PVC gloves with impervious boots, apron or coveralls. Wash hands and face before eating, drinking or using tobacco.

Respirator: Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn.

Ventilation: Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.

Additional Measures: Emergency showers and eye wash stations should be available. Educate and train employees in the safe handling of hazardous chemicals.

## 9. Physical And Chemical Properties

Physical Form: Powder

Color: White

Odor: Odorless

Molecular Weight: 100.09 g/mol

Boiling Point: Decomposes above 825°C

Melting/Freezing Point: Decomposes above 825°C

Solubility In Water: Insoluble

Specific Gravity: 2.71

## 10. Stability And Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibilities: Reacts with acids to liberate CO<sub>2</sub>

Instable Conditions: Excessive temperatures (see incompatibilities).

Decomposition Temperature: Decomposes above 825°C

Decomposition Products: Calcium and carbon dioxide.

## 11. Toxicological Information

RTECS Number: FF9335000

Routes Of Exposure: Eye contact. Ingestion. Inhalation. Skin contact.

Toxicity Data: LD50 Oral-Rat 6,450 mg/kg

Chronic Toxic Effects: This product contains small amounts of crystalline silica. Long-term exposure to crystalline silica causes silicosis, a form of pulmonary fibrosis. Continued exposure to crystalline silica can lead to cardiopulmonary impairment. Symptoms are usually delayed (10 years or more).

Acute Toxic Effects: Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness.

Reddening, scaling, and itching are characteristics of skin inflammation. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound

## **12. Ecological Information**

Ecotoxicity: Not available at this time.

## **13. Disposal Considerations**

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

## **14. Transportation Information**

Proper Shipping Name: Calcium Carbonate  
UN Number: N/A  
Class: N/A  
P.G.: N/A  
Label Code: N/A

## **15. Regulatory Information**

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Chemical Inventory: This compound is on the EPA Toxic Substance Control Act (TSCA) Inventory List

California Proposition 65: To the best of our knowledge, this product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive effects.

SARA 313 Title III:

Section 320 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

## **16. Other Information**

Prepared By: Michael Richard

Date: June 3, 2015

Reason For Issue: GHS Compliance

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