



SAFETY DATA SHEET

ProChemOnline.com



SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Calcium Carbonate**

PRODUCT NO: 1381

CAS NO: 471-34-1

SYNONYMS: Calcium monocarbonate

MANUFACTURER:

Prochem, Inc.
826 Roosevelt Road
Rockford, IL 61109

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TOLL FREE: 800-795-8788

IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC: 1-800-424-9300

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Not a dangerous substance according to the GHS

HMIS CLASSIFICATION:

Health: 0 Flammability: 0 Reactivity: 0

NFPA RATING:

Health: 0 Fire: 0 Reactivity Hazard: 0

POTENTIAL HEALTH EFFECTS: Ingestion

EYE CONTACT: May cause slight to mild irritation of the eyes.

SKIN CONTACT: May cause slight to mild irritation of the skin.

INHALATION: May be irritating to the nose, mucous membranes, and respiratory tract.

INGESTION: No information on the physiological effects of ingestion.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: CaCO_3

Molecular Weight: 100.09

CHEMICAL NAME	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Calcium carbonate	471-34-1	100	10 mg/m3	15 mg/m3 (as total dust)

SECTION 4 FIRST AID MEASURES

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SECTION 4 FIRST AID MEASURES (Cont.)

SKIN EXPOSURE: Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty breathing, coughing, wheezing, or pain. In such cases, seek immediate medical assistance.

INGESTION: Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5 FIREFIGHTING MEASURES

FLASH POINT: Not applicable

AUTO IGNITION TEMPERATURE: None

EXPLOSION LIMITS: None

EXTINGUISHING MEDIUM: Carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES: If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: None

UNUSUAL FIRE OR EXPLOSION HAZARDS: No unusual fire or explosion hazards.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, or gas.

ENVIRONMENTAL PRECAUTIONS: No special environmental precautions required.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Small spills can be mixed with powdered sodium carbonate or ground limestone and swept up.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Appropriate exhaust and ventilation.

CONDITIONS FOR SAFE STORAGE: Store material in a tightly sealed container away from moisture.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE PROTECTION: Always wear approved safety glasses with side shields, safety goggles, or face shield when handling a chemical substance in the laboratory.

SKIN PROTECTION: Chemical resistant gloves.

VENTILATION: If possible, handle the material in an efficient fume hood.

RESPIRATOR: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 19-10.134.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: White powder

MELTING POINT: 800° C decomposes

BOILING POINT: No data

MOLECULAR WEIGHT: 100.09

ODOR: None

SPECIFIC GRAVITY 2.93 gm/ml

VAPOR PRESSURE: No data

SOLUBILITY IN WATER: Insoluble

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Air and moisture stable

SECTION 10 STABILITY AND REACTIVITY (Cont.)

HAZARDOUS POLYMERIZATION: No hazardous polymerization.

CONDITIONS TO AVOID: Strong acids, oxidizing agents, magnesium, aluminum

INCOMPATIBILITY: Strong acids

DECOMPOSITION PRODUCTS: None

SECTION 11 TOXICOLOGICAL DATA

RTECS DATA: Administration onto the skin (rabbit); Standard Draize test: 500 mg/24H. Administration into the eye (rabbit); Standard Draize test: 750 ug/24H. Oral (rat); LD50:6450 mg/kg.

CARCINOGENIC EFFECTS: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

MUTAGENIC EFFECTS: No data

TETRAUTOGENIC EFFECTS: No data

TOXICITY DATA: No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12 ECOLOGICAL DATA

No information available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

SECTION 14 TRANSPORTATION DATA

Non-hazardous material

SECTION 15 REGULATORY INFORMATION

TSCA: Listed in the TSCA Inventory

OSHA HAZARDS: None known

SARA 302 COMPONENTS: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA (TITLE 313): Title compound not listed

SECTION 16 OTHER INFORMATION

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, Prochem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

DATE PREPARED: 02/14

SDS DEPT.