

**GFS CHEMICALS, INC.**

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1-800-424-9300(Chemtrec 24Hr. Info.)

**MATERIAL SAFETY DATA SHEET**

337

**CALCIUM CARBONATE**

**CHEMICAL NAME & SYNONYMS**

Calcium Carbonate; Chalk, Marble, Limestone

**DOT CLASS**

NR

**SARA TITLE 313**

No

**TSCA listed** - Yes

**FORMULA**

CaCO<sub>3</sub>

**REPORTABLE QUANTITY**

N/A

**F.W.**

100.09

**CAS#**

471-34-1

**PHYSICAL DATA**

Decomposes without melting at 825°C (leaving calcium oxide, releasing carbon dioxide); Density 2.8; Soluble in acid; Nearly insoluble in water.

**APPEARANCE & ODOR**

White powder. Odorless.

**REACTIVITY & CONDITIONS TO AVOID**

Stable. Reaction with acid liberates CO<sub>2</sub>. No hazardous reactivity.

**FIRE HAZARDS**

None. NFPA # 0-0-0.

**EXTINGUISHER**

Fight surrounding fire.

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

Nuisance dust. OSHA PEL 15 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction); ACGIH TLV: 10 mg/m<sup>3</sup> (inhalable particles); 3 mg/m<sup>3</sup> (respirable particles). Common dietary supplement. LD/TD no data. No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Wear goggles while handling.

**FIRST AID**

Wash skin and eyes thoroughly with water after contact. Get medical attention if irritation develops.

**SPILLS & LEAKS**

Sweep with sweeping compound, minimizing dust formation and discard (trash can). Wash up with water.

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**CATALOG #**

337

**PREPARED BY**

MDM

**DATE**

July 20, 2004