

**GFS CHEMICALS, INC.**  
P.O. Box 245 Powell, OH 43065  
740-881-5501(Tel.) 740-881-5989(Fax)  
1-800-424-9300(Chemtrec 24Hr. Info.)

**MATERIAL SAFETY DATA SHEET**

3621

**CALCIUM CHLORIDE, ANHYDROUS**

**CHEMICAL NAME & SYNONYMS**

Calcium Chloride, Anhydrous

**DOT CLASS**

NR

**SARA TITLE 313**

No

**TSCA listed** - Yes

**FORMULA**

CaCl<sub>2</sub>

**REPORTABLE QUANTITY**

N/A

**F.W.**

110.99

**CAS#**

10043-52-4

**PHYSICAL DATA**

Melting point 772°C; Density 2.15; Very hygroscopic, absorbs water rapidly. Absorption of water is exothermic. 4-30 mesh granules.

**APPEARANCE & ODOR**

White or gray-white granules and powder.

**REACTIVITY & CONDITIONS TO AVOID**

Stable. No hazardous reactivity. Store in a dry place. Can go into solution if exposed to moist air.

**FIRE HAZARDS**

None. NFPA # 1-0-0.

**EXTINGUISHER**

Fight surrounding fire.

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

Irritating to skin, eyes and mucous membranes. Harmful if swallowed or inhaled. LD<sub>50</sub> (oral-rat) 1000 mg/kg. LD<sub>50</sub> (ipr-rat) 264 mg/kg. OSHA PEL/ACGIH TLV not established. Is being investigated as a tumorigen and mutagen. Not a listed carcinogen. It does not indicate absence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Wear goggles and rubber gloves while handling. Use good ventilation and/or suitable respirator if dust is raised.

**FIRST AID**

Wash contact area thoroughly with water. If eye irritation persists, see a physician. If swallowed, give water to drink and get medical attention.

**SPILLS & LEAKS**

Wash up with water. Disposal to sanitary drain. Check local regulations.

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**CATALOG #**

3621

**PREPARED BY**

MDM

**DATE**

May 6, 2005