

**GFS CHEMICALS, INC.**

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

**MATERIAL SAFETY DATA SHEET**

521

**CALCIUM IODATE**

**CHEMICAL NAME & SYNONYMS**

Calcium Iodate

**DOT CLASS**

5.1/II

**SARA TITLE 313**

No

**TSCA listed** - Yes

**FORMULA**

Ca(IO<sub>3</sub>)<sub>2</sub>

**REPORTABLE QUANTITY**

N/A

**F.W.**

389.90

**CAS#**

7789-80-2

**PHYSICAL DATA**

Density 4.5. Decomposes at 540EC. Slightly soluble in water. More soluble in nitric acid.

**APPEARANCE & ODOR**

White crystalline powder. Odorless.

**REACTIVITY & CONDITIONS TO AVOID**

Stable. Oxidizing. Incompatible with reducing agents, many organics.

**FIRE HAZARDS**

May cause fire on contact with readily oxidizable material. Firefighters wear SCBA. Gives off fumes of iodine when heated to decomposition.

**EXTINGUISHER**

Water Spray.

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

May be irritating to eyes and mucous membranes. Considered a nuisance dust. Not considered toxic internally. Has been used as dietary iodine source. LD/TD no data. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Wear goggles and rubber gloves while handling.

**FIRST AID**

Wash contact area thoroughly with water. If irritation persists, see a physician. If swallowed, give water or milk and induce vomiting. Call a physician.

**SPILLS & LEAKS**

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

**CATALOG #**

521

**PREPARED BY**

MDM

**DATE**

May 14, 2001