

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

522

CALCIUM PERIODATE

CHEMICAL NAME & SYNONYMS

Calcium Periodate

DOT CLASS

5.1/II

SARA TITLE 313

No

TSCA listed - No

FORMULA

Ca₂HIO₆·H₂O

REPORTABLE QUANTITY

N/A

F.W.

322.08

CAS#

Not assigned

PHYSICAL DATA

Slightly soluble in water.

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. The chemical, physical and toxicological properties of this material have not been fully investigated. 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. This product must only be used under conditions of PRUDENT LABORATORY PRACTICE as described at 40 CFR 720.36. This product is supplied SOLELY for use in RESEARCH AND DEVELOPMENT by or under the supervision of a TECHNICALLY QUALIFIED INDIVIDUAL, who should be FULLY COGNIZANT of the procedures for working with chemical products of this type as described at 40 CFR 720.36.

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 #

522

PREPARED BY

MDM

DATE

May 14, 2001