

**GFS CHEMICALS, INC.**

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

**MATERIAL SAFETY DATA SHEET**

89

**SODIUM IODATE**

**CHEMICAL NAME & SYNONYMS**

Sodium Iodate

**DOT CLASS**

5.1/II

**SARA TITLE 313**

No

**TSCA listed** - Yes

**FORMULA**

NaIO<sub>3</sub>

**REPORTABLE QUANTITY**

N/A

**F.W.**

197.92

**CAS#**

7681-55-2

**PHYSICAL DATA**

Density 4.28 g/cc; Soluble in water giving neutral solution.

**APPEARANCE & ODOR**

White crystalline powder. Odorless.

**REACTIVITY & CONDITIONS TO AVOID**

Stable. May react vigorously with certain strong reducing agents. No explosion hazard.

**FIRE HAZARDS**

May provide oxygen when involved in general fire. Not flammable. Emits toxic fumes. Firefighters wear SCBA. NFPA # 2-0-3.

**EXTINGUISHER**

Water.

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

Dust may be eye irritant, may be irritating to respiratory tract. May harmful or fatal if swallowed or inhaled. Commonly used in animal feed. OSHA PEL/ACGIH TLV not established. LD<sub>50</sub> (oral-mouse) 505 mg/kg. No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Use good laboratory practices. Use eye protection. Use suitable respirator or good ventilation if dust is raised.

**FIRST AID**

Wash contact area well with water. If eye irritation persists, get medical attention. If swallowed, give water and get medical attention. Do not induce vomiting unless directed by a physician.

**SPILLS & LEAKS**

Wash up with water. Whatever cannot be saved for recovery should be disposed as hazardous waste. Disposal of small spills to sanitary drain is acceptable in most locations, check local regulations.

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**CATALOG #**

89

**PREPARED BY**

MDM

**DATE**

October 27, 2005