

GFS CHEMICALS, INC.

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

MATERIAL SAFETY DATA SHEET

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SODIUM meta-PERIODATE

CHEMICAL NAME & SYNONYMS

Sodium meta-Periodate

DOT CLASS

5.1/II

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

NaIO₄

REPORTABLE QUANTITY

N/A

F.W.

213.92

CAS#

7790-28-5

PHYSICAL DATA

Density 3.86. Water soluble. pH of water solution is slightly acidic.

APPEARANCE & ODOR

White crystals. Slight characteristic odor.

REACTIVITY & CONDITIONS TO AVOID

Stable. Oxidizing. Incompatible with reducing agents, combustibles. No hazardous self-reactivity.

FIRE HAZARDS

May cause fire or explosion with combustibles. Avoid inhalation of fumes. Firefighters wear SCBA. NFPA # 1-0-3.

EXTINGUISHER

Water Spray

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Irritating to skin, eyes and mucous membranes. If swallowed, will cause upset stomach with pain, possibly vomiting. Chronic effects of exposure include kidney or liver problems. LD/TD no data. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles and protective gloves while handling. Use adequate ventilation or appropriate respirator to avoid inhalation of dust.

FIRST AID

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

SPILLS & LEAKS

Sweep spill. Wash area well with water. Save for recovery or disposal to sanitary drain with plenty of water, check local regulations.

CATALOG #

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PREPARED BY

MDM

DATE

April 25, 2005