

GFS CHEMICALS, INC.
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MATERIAL SAFETY DATA SHEET

1024

SODIUM ARSENITE

CHEMICAL NAME & SYNONYMS

Sodium Arsenite; Arsenious Acid, Sodium Salt

DOT CLASS

6.1/II

SARA TITLE 313

Yes - As Cmpds

TSCA listed - Yes

FORMULA

NaAsO₂

REPORTABLE QUANTITY

0.454 kg

F.W.

129.91

CAS#

7784-46-5

PHYSICAL DATA

Density 1.87; Very soluble in water.

APPEARANCE & ODOR

White to off-white powder. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. Poisonous. Mild reducing agent. No hazardous self-reactivity. Hygroscopic. Protect from air and moisture.

FIRE HAZARDS

Arsenic fumes may be generated in a fire. Avoid inhalation of smoke or fumes. Firefighters wear SCBA. NFPA # 4-0-1.

EXTINGUISHER

Use water to cool containers. Fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Poisonous by all routes. Previously used as herbicide and pesticide. LD₅₀ (oral-rat) 41 mg/kg; LD₅₀ (skin-rat) 150 mg/kg. Symptoms include: acute nausea, vomiting, diarrhea, collapse, shock, coma and death. Chronic poisoning: loss of appetite, cramps, nausea, jaundice and skin abnormalities. OSHA PEL/ACGIH TLV:TWA 0.01 mg (As)/m³. OSHA Action level: 0.005 mg (As)/m³. Consider poison by all routes. Trivalent arsenic is a carcinogen. Tumorigenic, teratogenic, mutagenic with reproductive effects. Warning: This product contains a chemical known to the state of California to cause cancer.

SPECIAL PRECAUTIONS

Use only with good ventilation. Handle with rubber gloves. Wear goggles. Avoid all contact.

FIRST AID

Wash skin or eyes thoroughly with water. Eyes: get medical attention. Inhalation: get medical attention. If swallowed, give milk or water and get immediate medical attention. Do NOT induce vomiting unless directed by a physician. If symptoms develop, get medical attention.

SPILLS & LEAKS

Contain spill. Take up with absorbent. Wash up with water. Very small quantities may be allowed in sanitary drain, check local regulations for limitations. Disposal to hazardous waste.

CATALOG #

1024

PREPARED BY

MDM

DATE

December 14, 2004