

GFS CHEMICALS, INC.
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1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

739

ARSENIC STANDARD SOLUTION

CHEMICAL NAME & SYNONYMS

Arsenic Standard Solution, 1,000 ppm

DOT CLASS

8/III

SARA TITLE 313

Yes, arsenic,
sodium hydroxide

TSCA listed - Yes

FORMULA

As₂O₃ < 0.2% (0.1% Arsenic)

NaOH < 5%

H₂O > 99%

REPORTABLE QUANTITY

454 g

454 kg

N/A

F.W.

197.84

40.00

18.02

CAS#

1327-53-3

1310-73-5

7732-18-5

PHYSICAL DATA

Density 1.05; Boiling point about 100°C; completely miscible with water.

APPEARANCE & ODOR

Water-clear liquid. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. Corrosive. No hazardous self-reactivity.

FIRE HAZARDS

In general fire situation, toxic vapors of arsenic may be released. Corrosive mist may be given off in general fire. Firefighters wear SCBA and full protective gear. NFPA # 3-0-0.

EXTINGUISHER

Fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Caustic to skin, eyes and mucous membranes. May be harmful or fatal if swallowed due to swelling of tissues and arsenic toxicity. OSHA PEL/ACGIH TLV - ceiling 2 mg (NaOH)/m³; 0.2 mg (As)/m³. Acute poisoning symptoms: nausea, vomiting, diarrhea, shock and collapse in severe cases. Warning: This product contains a chemical (inorganic arsenic compound) known to the state of California to cause cancer. Contains 0.1% Arsenic.

SPECIAL PRECAUTIONS

Wear goggles and rubber gloves while handling. Eye wash in area.

FIRST AID

Wash contact area thoroughly with water. Get medical attention after washing eyes. If swallowed, DO NOT induce vomiting, wash out mouth and throat with water. Give water or milk to drink, ice to suck and get medical attention.

SPILLS & LEAKS

Contain spill. Neutralize with dilute acid. Wash up with water. Disposal of small amounts to sanitary drain is permissible in most localities. Check local sewer regulations.

CATALOG #

739

PREPARED BY

MDM

DATE

November 27, 2006

Full Warranty and Limitations Statement should be reviewed at www.gfschemicals.com/terms.asp.