

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

2299

ANTIMONY ICP STANDARD

CHEMICAL NAME & SYNONYMS

Antimony ICP Standard, 1,000 ppm

DOT CLASS

8/III

SARA TITLE 313

Yes - HNO₃

TSCA listed - Yes

FORMULA

Sb < 1%
Tartaric acid <1%
HNO₃ < 5%
H₂O > 90%

REPORTABLE QUANTITY

N/A
NN/A
454 kg
N/A

F.W.

121.75
150.09
63.01
18.02

CAS#

7440-36-0
87-69-4
7697-37-2
7732-18-5

PHYSICAL DATA

Density 1.0. Boiling point about 100EC. Completely miscible with water.

APPEARANCE & ODOR

Clear liquid. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. Corrosive. Incompatible with metals and bases.

FIRE HAZARDS

May decompose in general fire. Firefighters wear SCBA.

EXTINGUISHER

Fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Irritating to skin, eyes and mucous membranes. Health hazard primarily due to corrosivity of nitric acid. LD_{Lo} (orl-human) 460 mg/m³ (HNO₃). OSHA PEL/ACGIH TLV: TWA 2 ppm HNO₃. Antimony is a questionable carcinogen. OSHA TLV/ACGIH PEL: TWA 0.5 mg(Sb)/m³.

SPECIAL PRECAUTIONS

Wear goggles and rubber gloves while handling. Use only with adequate ventilation or suitable respirator.

FIRST AID

Wash contact area thoroughly with water. If irritation persists, see a physician. If swallowed, give water or milk and DO NOT induce vomiting. Call a physician.

SPILLS & LEAKS

Wash spill with water. Neutralize spill with soda or lime. Disposal to hazardous waste. Check local regulations.

CATALOG #

2299

PREPARED BY

MDM

DATE

June 21, 2000