

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

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TETRABUTYLAMMONIUM BROMIDE

CHEMICAL NAME & SYNONYMS

Tetrabutylammonium Bromide; TBA Bromide

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

(C₄H₉)₄NBr

REPORTABLE QUANTITY

N/A

F.W.

322.32

CAS#

1643-19-2

PHYSICAL DATA

Soluble in water, alcohol and acetone. Melting point 115-117EC (decomposes).

APPEARANCE & ODOR

White crystals. Characteristic odor.

REACTIVITY & CONDITIONS TO AVOID

Stable at ambient temperatures. No hazardous reactivity. Test oxidizers for compatibility before using.

FIRE HAZARDS

Will be consumed in general fire, emitting fumes of carbon monoxide, hydrobromic acid and oxides of nitrogen. Avoid inhalation of smoke. Firefighters wear SCBA.

EXTINGUISHER

Fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

May be irritating to skin, eyes and mucous membranes. Consider toxic internally. LD/TD no data. Mutagenic hazard. OSHA TLV/ACGIH PEL not established. No evidence of carcinogenicity. Recommended HMIS rating: H-2; F-1; R-0.

SPECIAL PRECAUTIONS

Recommend dust mask for handling. Wear goggles and rubber gloves.

FIRST AID

For eyes, flush with water for at least 15 minutes. Call a physician if irritation develops. For skin, wash up with soap and water. If swallowed, give water or milk and induce vomiting. Call a physician.

SPILLS & LEAKS

Sweep up and discard. Landfill or incinerator for disposal.

CATALOG #

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PREPARED BY

MDM

DATE

November 17, 1999