

**GFS CHEMICALS, INC.**

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

**MATERIAL SAFETY DATA SHEET**

2462

**TETRABUTYLAMMONIUM CHLORIDE, MONOHYDRATE**

**CHEMICAL NAME & SYNONYMS**

Tetrabutylammonium Chloride, Monohydrate;  
TBA Chloride Hydrated

**DOT CLASS**

NR

**SARA TITLE 313**

No

**TSCA listed** - Yes

**FORMULA**

(C<sub>4</sub>H<sub>9</sub>)<sub>4</sub>NCl.H<sub>2</sub>O

**REPORTABLE QUANTITY**

N/A

**F.W.**

295.94

**CAS#**

37451-68-6 (Hyd.)  
1112-67-0 (anhy.)

**PHYSICAL DATA**

Soluble in water, alcohol and acetone. Melting point 41-44EC (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, hydrochloric 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. The chemical, physical and toxicological properties of this material have not been fully investigated. Consider toxic internally. LD/TD no data. OSHA TLV/ACGIH PEL not established. No evidence of carcinogenicity. Recommended HMIS rating: H-2; F-1; R-0.

**SPECIAL PRECAUTIONS**

Wear goggles and rubber gloves. Use good ventilation or suitable dust mask if dust or fumes are raised.

**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 #**

2462

**PREPARED BY**

MDM

**DATE**

September 8, 2000