



## Section 1 - Chemical Product and Company Identification

**Product Name** Tetrabutylammonium Bromide (TBAB) pure, 98%  
**Product Code** 20669  
**CAS No** 1643-19-2  
**Use for** Laboratory Chemicals.  
**Company Name** Sisco Research Laboratories Pvt. Ltd.  
**Address** 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Andheri (E), Mumbai - 400 099, India

## Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
1643-19-2	Tetrabutylammonium bromide	<=100	216-699-2

## Section 3 - Hazards Identification

### Risk advice to man and the environment

Not a hazardous substance or mixture

## Section 4 - First Aid Measures

**General advice :** Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled :** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**skin :** Wash off with soap and plenty of water. Consult a physician.

**Eye :** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed :** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## Section 5 - Fire Fighting Measures

**Suitable extinguishing media :** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters :** Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6 - Accidental Release Measures

**Personal precautions :** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions :** Do not let product enter drains.

### Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal

## Section 7 - Handling and Storage



**Product Code** 20669

**Handling** : Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Storage** : Room Temperature. Keep container tightly closed in a dry and well-ventilated place. Store in cool place. hygroscopic

## Section 8 - Exposure Control / Personal Protection

### Personal protective equipment

#### Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection** : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Eye protection** : Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin and body protection** : impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## Section 9 - Physical and Chemical Properties

Physical State: Solid

Molecular Formula: C<sub>16</sub>H<sub>36</sub>BrN

Molecular Weight: 322.37

Melting point: 102 - 106 °C - lit

## Section 10 - Stability and Reactivity

**Chemical stability** : Stable under recommended storage conditions.

**Conditions to avoid** : no data available

**Materials to avoid** : Strong oxidizing agents

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Hydrogen bromide gas

## Section 11 - Toxicological Information



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**Product Code** 20669

Acute toxicity: No data available

Irritation and corrosion: No data available

Sensitisation: No data available

Chronic exposure: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs And Symptoms

Of Exposure: No data available

Route Of Exposure

Inhalation: No data available

Skin : No data available

Eyes: No data available

Ingestion: No data available

## Section 12 - Ecological Information

No data available

## Section 13 - Disposal Considerations

**Product** : Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging** : Dispose of as unused product

## Section 14 - Transport Information

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	Not regulated.	Not regulated.	Not regulated

**Hazard Class:**

**UN Number:**

**Packing Group:**

## Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.