



## Section 1 - Chemical Product and Company Identification

**Product Name** Tetramethylammonium Hydroxide 10% aq. solution pure  
**Product Code** 91496  
**CAS No** 75-59-2  
**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#   |
|---------|-------------------------------|---|-----------|
| 75-59-2 | Tetramethylammonium hydroxide |   | 200-882-9 |

## Section 3 - Hazards Identification

### EMERGENCY OVERVIEW

*Rapidly absorbed through skin.*

#### Potential Health Effects

**Eye:** Causes eye irritation.

**Skin:** Causes skin irritation. May be harmful if absorbed through the skin.

**Ingestion:** May cause irritation of the digestive tract. May be harmful if swallowed.

#### Inhalation

## 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

### In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician

### In case of eye contact

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

### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## Section 5 - Fire Fighting Measures



**Product Code** 91496

**Extinguishing media**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**

Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Hydrogen chloride gas

**Advice for firefighters**

Wear self contained breathing apparatus for firefighting if necessary.

**Further information**

no data available

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## Section 7 - Handling and Storage

**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.

**Conditions for safe storage, including any incompatibilities**

Room temperature. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage

## Section 8 - Exposure Control / Personal Protection



**Product Code** 91496

## Exposure controls

### Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

### Personal protective equipment

#### Eye/face protection

Tightly fitting safety goggles. Face-shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin 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.

## Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

## Section 9 - Physical and Chemical Properties

**Physical State:** liquid  
**Molecular Formula:** C<sub>4</sub>H<sub>13</sub>NO  
**Molecular Weight:** 91.15

## Section 10 - Stability and Reactivity

### Chemical stability

Stable under recommended storage conditions.

### Incompatible materials

Aluminium, Alkali metals, Strong oxidizing agents, Acids, Acid chlorides, Acid anhydrides, Halogens

### Hazardous decomposition products

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>).

## Section 11 - Toxicological Information



[www.srlchem.com](http://www.srlchem.com)

**Product Code** 91496

**RTECS#:** CAS# 75-59-2: PA0875000

**LD50/LC50:** CAS# 7732-18-5

**Carcinogenicity:** CAS# 7732-18-5:

**Others:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 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.

### Contaminated packaging

Dispose of as unused product

## Section 14 - Transport Information

|                       | IATA                          | IMO  | RID/ADR |
|-----------------------|-------------------------------|------|---------|
| <b>Shipping Name:</b> | Tetramethylammonium Hydroxide |      |         |
| <b>Hazard Class:</b>  | 8                             | 8    | 8       |
| <b>UN Number:</b>     | 1835                          | 1835 | 1835    |
| <b>Packing Group:</b> | III                           | III  | III     |

## 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.