

Technical Data Sheet

Tetramethyl ammonium hydroxide (TMAH 75-59-2)

n,n,n-trimethyl-methanaminuhydroxide



Product Description

- Tetramethylammonium hydroxide is a solid in the hydrated form or a colorless liquid with a strong ammonia-like odor. Tetramethylammonium hydroxide is soluble in water. Tetramethylammonium hydroxide is corrosive to metals and tissue

Specification:

Item	Specification
Appearance	Colorless transparent liquid
Assay wt %	25.00±0.50%
(Carbonate)ppm	≤500
(chloride)ppm	≤100
(methanol)ppm	≤300
Ca(Calcium)ppm	≤1
Mg(Magnesium)ppm	≤1
Fe(Iron)ppm	≤1
Na(Sodium)ppm	≤1
K(Potassium)ppm	≤1
(APHA)Hazen	≤10

Usage

- Widely used in electronic industry
- especially as positive resister developer ,silicon wafer wet etchant and super clean solution for CMP process
- Also used in the manufacture of integrated circuits, liquid crystal displays, printed circuit boards, capacitors, sensors, and many other electronic components
- Used as polarographic analysis reagent

Packing and Storage

- 200kg plastic drum or as customer request, 80 drums for 20'fcl
- Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F)
- Keep locked up.. Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, metals, acids.

Transport Information

DOT Classification: Class 8: Corrosive material

Identification: Tetramethylammonium Hydroxide, Solution UNNA: 1835 PG: II

Special Provisions for Transport: Not available.

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