

## Functional Chemical

### TMAH-99 Tetramethylammonium hydroxide

#### TYPICAL

#### PROPERTIES

CAS No.	10424-65-4
Chemical formula	(CH <sub>3</sub> ) <sub>4</sub> NOH 5H <sub>2</sub> O
Molecular weight	181.15
Melting Point(°C)	63
Form	White solid powder
Purity (%)	>99.9
Boiling Point (°C)	100.0
Freezing point (°C)	<-25.0
Viscosity@ 25°C, cst	2.8
Specific Gravity @ 20°C	1.021
Flashpoint (Pensky Martens), °F	>95
pH	>13

#### APPLICATION

- The catalyst of dimethyl silicone oil, benzyl methyl silicon oil, organic silicon diffusion pump oil, solvent-free silicon molding plastics, silicon rubber for organic silicone resin.
- Ash-free alkali for precipitating lots of metal elements.
- Brightener cleaner and touch cutting agent for computer silicon wafer surface during the production of silicon wafer.
- 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.

#### STORAGE

#### AND

#### HANDLING

- Available in 25 kg/drum
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 12 months from delivery date
- According to non-dangerous goods transport