





# Product Specification

cdhfinechemical.com

## TETRAMETHYL AMMONIUM HYDROXIDE PENTAHYDRATE EXTRA PURE

<b>PRODUCT CODE</b>	<b>240555</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>10424-65-4</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>4</sub>H<sub>13</sub>NO.5H<sub>2</sub>O</b>	$\begin{array}{c} \text{CH}_3 \\   \\ \text{H}_3\text{C}^+\text{N}-\text{CH}_3 \\   \\ \text{CH}_3 \end{array} \quad \begin{array}{l} ^-\text{OH} \\ \\ \cdot 5\text{H}_2\text{O} \end{array}$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>181.23</b>	
<b>PROPERTIES</b>	<b>Store at 2-8 °C</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	White powder or crystals/crystals with chunks.	
Solubility	Soluble in water and methanol.	
Minimum assay (Acidimetric)	98.0%	
Melting range	67-73 °C	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Halides (as chloride)	0.1%	
Sulphate (SO <sub>4</sub> )	0.1%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		

<p><b>DANGER</b></p> <p><b>Hazard statements:</b> Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects.</p> <p><b>Precautionary statements</b></p> <p><b>Prevention:</b> Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist.</p> <p><b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage.</p> <p><b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.</p>	<p>IMDG Code : 8/II</p> <p>UN No. : 3423</p> <p>IATA : 8</p>
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<p>Hazard Pictogram(s) :-</p> <div style="display: flex; justify-content: center; gap: 20px;"> <div style="text-align: center;">  <p>GHS06</p> </div> <div style="text-align: center;">  <p>GHS05</p> </div> </div>
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Replace date 16-Aug.-2018