



## CHLORAMINE-T TRIHYDRATE

### DESCRIPTION

Chloramine-T Trihydrate (CHT) is a white powder chlorinated sulfonamide derivative. It is a broad based biocide used as a disinfectant and sanitizer\*. It is an investigational animal drug used in the aquaculture industry and also is a very effective odor control compound. CHT is stable as a powder under normal conditions and also is stable in aqueous solutions.

### CHEMICAL AND PHYSICAL PROPERTIES

Appearance:	White Crystalline Powder
Molecular Weight:	281.7 g/mol
Typical Analysis:	98.0%-101.0% (25% available chlorine)
Melting Point	Releases Chlorine at 130°C Melts between 167-169°C
Bulk Density	1.4 g/cm <sup>3</sup>
Stability:	Powder is stable up to 130°C Aqueous solution up to 60°C
Solubility in Water:	15% at 25°C
Solubility in Organic Solvents:	Insoluble in benzene and ethers 7.5% soluble in 95% alcohols at 20°C with decomposition

### APPLICATIONS

- Odor Control
- Drinking Water Disinfection
- Investigational Animal Drug for Aquaculture
- Hydrotherapy
- Farm and Veterinary Hygiene
- Cooling Towers
- General Broad Based Biocide





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Technical Information

Chloramine-T 09/09

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**\*Not an EPA registered disinfectant or sanitizer**

**PACKAGING AND SHIPPING**

- Chloramine-T is shipped in UN approved fiber drums
- Typical Package Sizes:
  - 10 kg or 22 lbs
  - 25kg or 55 lbs
  - 136kg or 300 lbs
- Chloramine-T is shipped as a Class 8 Corrosive Solid UN3263

**For further information on product safety please consult the product MSDS**



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