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/cm³
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
*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
  - 25 kg or 55 lbs
  - 136 kg 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