

CHLORAMINE-T

A safe, effective, non-corrosive additive for use in most re-circulating systems when used as directed. Can be used as a shock treatment, or as a preventative treatment at a dosage of 1 gram per gallon of system volume.

Empirical Formula: C₇H₇SO₂N NaCl (3H₂O)

Appearance & Properties:

Physical Appearance: White Crystalline Powder

Molecular Weight: 281.69 grams/mole

Stability: Stable at temperatures below 60°C. Decomposes slowly in aqueous solutions if temperatures are greater than about 70°C. Powder should not be heated or held at temperatures over 130°C (266°F).

Solubility in Water: 15% @ 25°C

Solubility in Organic Solvents: Insoluble in benzene, chloroform and most ethers, soluble 7.5% in 95% alcohols @ 20°C (with decomposition).

Compatibility: Must be tested on an individual basis. May not be compatible with some reducing agents or ammonia compounds.

Stability: Stable in aqueous solutions at or under about 60°C. If held from direct sun light and kept at moderate temperatures a 1% solutions is 90+% stable for many months.

Typical Analysis: A. Iodometric titration of available chlorine

Typical Analysis --- 25.0%

Color --- White crystalline powder, max. 50 APHA, 5% solution.

pH --- Range (7 to 9) typical 8.5 (1 gram in 400 grams of water).

Please visit www.Optishield.net for more information.