

Inorganics, solutions and auxiliaries

159123 Chloramine T trihydrate Reag. Ph Eur

Formula Hill $C_7H_7ClNaNO_2S \cdot 3H_2O$ Chemical formula $CH_3C_6H_4SO_2NCINa \cdot 3H_2O$

Molar mass 281.69 g/mol

Density

pH value ~ 8 - 10 (50 g/l 20 °C)

Form solid

Color white to yellowish

Odeur weakly of chlorine

Melting point > 70 °C

Boiling point

Vapor pressure

Explosion limits

Flash point 192 °C

Thermal decomposition > 132 °C ((anhydrous))

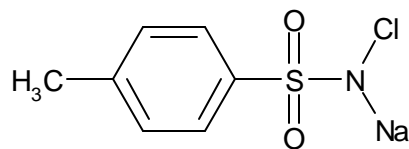
Heat of evaporation

Evaporation number

Ignition temperature

Bulk density ~ 500 - 600 kg/m³

Refractive index



Solubility in water 150 g/l (25 °C)

Solubility in ethanol 75 g/l (20 °C)

Solubility in chloroform

Water absorption

Saturation conc. (air)

Dielectric constant

Dipole moment

Viscosity dynamical

Viscosity kinematical