

CUBLEN D 5012

PHOSPHONATES

CUBLEN D 5012 is the Diethylenetriamine-pentamethylene Phosphonic acid (DETAPMP) in a pre-neutralized form – 50% active.

Physical Properties

Molecular Weight	617
Appearance	Clear brown solution
Active substance	50%
Density (20°C)	1.4 g/cm ³
pH (1% @ 25°C)	~ 2.0
Chloride (Cl ⁻)	5.0% max
Iron (Fe +++)	35 ppm max
Freezing point	< -25°C

Other Properties

CUBLEN D 5012 has excellent ability to complex metal ions. It has very good properties of inhibiting precipitation of calcium carbonate, calcium sulfate, and barium sulfate. It is also a good peroxide stabilizer.

CUBLEN D 5012 has very good corrosion inhibition properties for unalloyed steel.

Applications

CUBLEN D 5012 is recommended for application in the preparation and bleaching process of cotton goods; in oil field water treatment and for treatment of cooling water; and in detergents and cleaning agents.



Zschimmer & Schwarz, Inc US Division

70 GA Hwy. 22 W
Milledgeville, GA 31061

Voice: (478) 454-1942

Fax: (478) 453-8854

Website: www.zs-us.com

Contacts:

h.defore@zschimmer-schwarz.us

The data specified herein are in compliance with the results obtained from trials in our laboratory and plant. They serve only as a guide and are presented without guarantee. Possible rights of third parties shall be observed.