

CUBLEN P 50

PHOSPHONATES

Chemical Description: Aqueous solution of 2-phosphonobutane-1,2,4-tricarboxylic acid (PBTC)

Characteristics

Appearance	Clear, colorless to light yellow liquid
Active content	50%
Density (20°C)	~ 1.3 g/cm ³
pH (1% @ 25°C)	~ 2.0
Iron (Fe +++)	35 ppm max

Properties

Cublen P 50 is an outstanding scaling inhibitor and avoids the precipitation of hardly soluble alkaline-earth salts already by using substoichiometric amounts ("threshold effect").

Cublen P 50 shows a corrosion inhibiting effect on unalloyed steel and a strong deflocculation effect to different slurries.

Cublen P 50 exhibits exceptional resistance to oxidizing agents, such as hypochlorite solutions or solutions with active chlorine.

Applications

Cublen P 50 is recommended:

- In building chemistry
- In disinfectants
- In detergents and cleaning agents
- For cooling water treatment



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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.