



## HC-324 2-Phosphonobutane-1,2,4-tricarboxylic acid (PBTCA)

PBTC is a multifunctional molecule offering combination properties of polyphosphates and amino-Carboxylate sequestering agent. It has excellent thermal hydrolytic stability compared to polyphosphates. The advantages include:

1. Threshold effect
2. Sequestration
3. Deflocculation effect
4. Corrosion control
5. Hydrolytic & chlorine stability
6. Low phosphorus content

### Applications:

Cooling/boiler water treatment  
Oil drilling field water treatment  
Sea water evaporators  
Cleaning formulations

### Properties:

CAS Number:	37971-36-1
Appearance	Colorless to pale yellow clear solution
Typical active content:	≥50%
Specific gravity at (20°C)	≥1.27
pH , 1% solution at 25°C	≤2.0
Iron, ppm	< 5
Chloride, ppm	< 10

### Packing:

250kg per PE drum

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