

# QUALITY PROTECTS.

QUALITY WORKS.

**LANXESS**  
Energizing Chemistry

## Bayhibit®

### Phosphono butane tricarboxylic acid (PBTC)

#### Description

Bayhibit® is a calcium carbonate scale inhibitor and water softener for use in industrial and institutional cleaning formulations. It offers excellent performance under high alkaline and high temperature conditions. Being stable against halogen containing oxidation agents Bayhibit® can also be used as raw material for hypochlorite containing disinfectant cleaners.

Bayhibit® does not contain or generate amino methyl phosphonic acid (AMPA).

#### Benefits

- Excellent calcium carbonate inhibition
- Good hydrogen peroxide stabilization
- High calcium tolerance
- Very stable against alkaline chlorine
- Good corrosion inhibiting properties

#### Features

- Low content of phosphorus
- No remobilization of heavy metal ions
- Low toxicity to water- and soil organisms
- High thermal stability
- Stable in concentrated lyes and acids
- Not persistent in the environment
- Does not generate AMPA

**X Bayhibit®**

## Bayhibit® versus others

Properties	Bayhibit® AM	HEDP	ATMP	DTPMP
CaCO <sub>3</sub> inhibitor	+++	+	++	+++
H <sub>2</sub> O <sub>2</sub> stability	+++	++	+	+
Calcium tolerance	+++	+	++	++
Chlorine stability	+++	+	+	+
Corrosion inhibitor 17°dGH (steel)	+++	+	++	

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