

# AakoPhos P50

## Description

AakoPhos P50 is an aqueous solution of the chelating acid PBTC which softens water.

AakoPhos P50 suppress the precipitation of Calcium Carbonate, Calcium Sulphate and other scalants.

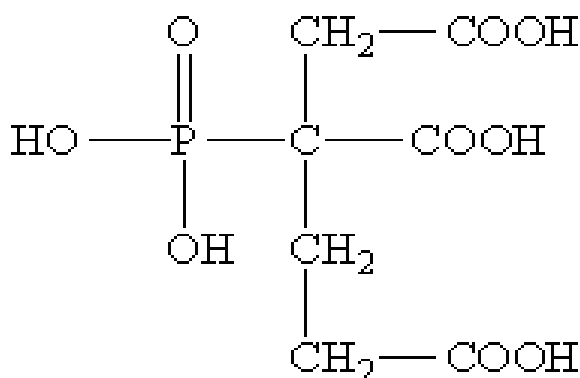
AakoPhos P50 inhibits corrosion by film forming at metal surfaces.

AakoPhos P50 has soil dispersing and deflocculation abilities and anti-redeposition properties.

AakoPhos P50 is active in the pH 1-13 range and has high temperature stability upto about 130 - 140 °C

▪ Chemical name	2-Phosphonobutane-1,2,4-tricarboxylic acid (PBTC)
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▪ CAS number	37971-36-1
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## AakoPhos P50

### Typical properties

Appearance	Clear, colorless to pale yellow aqueous solution
pH (1% solution)	1.5 – 2.0
Active content as PBTC	49 - 51 %
Iron	≤ 10 ppm
Chloride	≤ 10 ppm
Density 20°C, g / cm <sup>3</sup>	1.27 – 1.30

### Storage:

Shelf life of 1 year under appropriate conditions of storage. Keep dry and store in dark location.

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