

AakoPhos D50

Description

AakoPhos D50 is an aqueous solution of the chelating acid DTPMP which softens water.

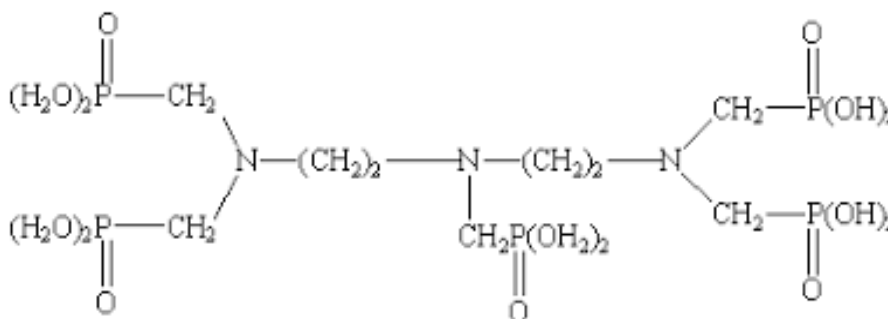
AakoPhos D50 suppress the precipitation of Calcium Carbonate, Calcium Sulphate and other scalants.

AakoPhos D50 inhibits corrosion by film forming at metal surfaces.

AakoPhos D50 has soil dispersing and deflocculation abilities and anti-redeposition properties.

AakoPhos D50 is active in the pH 1-13 range and has high temperature stability upto about 130 - 140 °C.

- | | |
|-----------------|---|
| ▪ Chemical name | Diethylene Triamine Penta (Methylene Phosphonic Acid) (DTPMP) |
| ▪ CAS number | 15827-60-8 |



AakoPhos D50

Typical properties

Appearance	Umber viscous Liquid
pH (1% solution)	≤ 2
Active content as DTPMPA	48 - 52 %
Iron	≤ 35 ppm
Chloride	12 - 17 %
Density 20°C, g / cm ³	1.35 – 1.45

Storage:

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