

# AakoPhos 4H30

## Description

AakoPhos 4H30 is an aqueous solution of the sodium salt of the chelating agent HEDP which softens water.

AakoPhos 4H30 suppress the precipitation of Calcium Carbonate, Calcium Sulphate and other scalants.

AakoPhos 4H30 inhibits corrosion by film forming at metal surfaces.

AakoPhos 4H30 has soil dispersing and deflocculation abilities and anti-redeposition properties.

AakoPhos 4H30 is active in the pH 1-13 range and has high temperature stability upto about 130 - 140 °C.

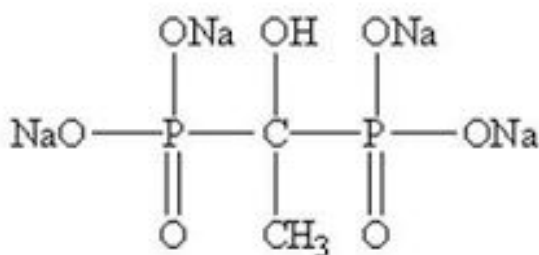
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▪ Chemical name	Tetra sodium salt of 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid (Na <sub>4</sub> HEDP);
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▪ CAS number	3794-83-0
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## AakoPhos 4H30

### Typical properties

Appearance	White to pale yellow transparent liquid
pH (neat solution)	10 - 12
Active content as salt	29 – 31 %
Active content as acid	20.3 – 21.7 %
Iron	≤ 20 ppm
Density 20°C, g / cm <sup>3</sup>	1.26 – 1.36

### Storage:

Shelf life of 12 months under appropriate conditions of storage. Keep dry and store in dark location.