

AakoPhos 4H85

Description

AakoPhos 4H85 is a sodium salt of the chelating acid HEDP which softens water.

AakoPhos 4H85 suppress the precipitation of Calcium Carbonate, Calcium Sulphate and other scalants.

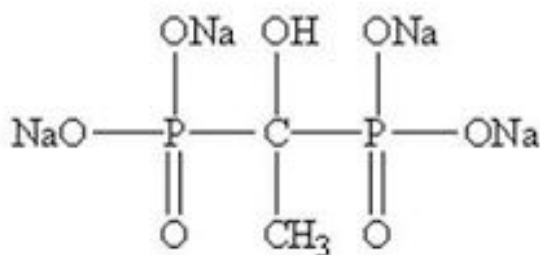
AakoPhos 4H85 inhibits corrosion by film forming at metal surfaces.

AakoPhos 4H85 has soil dispersing and deflocculation abilities and anti-redeposition properties.

AakoPhos 4H85 is active in the pH 1-13 range and has high temperature stability upto about 130 - 140 °C.

▪ Chemical name	Tetra sodium salt of 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid (Na ₄ HEDP);
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▪ CAS number	3794-83-0
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Typical properties

Appearance	White granules
pH (1% solution)	11 - 12
Active content as salt	$\geq 85 \%$
Active content as salt	57 – 63 %
Iron	$\leq 35 \text{ ppm}$

Storage:

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