AakoPhos 4H30

Description

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

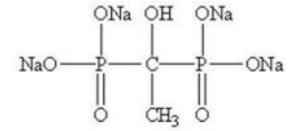
AakoPhos 4H30 suppress the precipitation of Calcium Carbonate, Calcium Sulphate and other scalants.

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 ^oC.

- Chemical name Ethylidene-1,1-Diphosphonic Acid (Na4HEDP);
- CAS number 3794-83-0



AAKO. P.O. Box 205 / 3830 AE Leusden / The Netherlands T +31 (0)33 494 84 94, E detergents@aako.nl



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Typical properties

Appearance	White	to	pale	yellow
	transparent liquid			
pH (neat solution)		10 - 1	2	
Active content as salt	29 – 31 %			
Active content as acid	20.3 – 21.7 %			
Iron		<u><</u> 20	ppm	
Density 20°C, g / cm3		1.26	- 1.36	

Storage:

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



Disclaimer: The data submitted in this publication are based on the current knowledge and experience. They do not constitute a guarantee in the legal sense of the term and, in view of the manifold factors that may affect processing and application, do not relieve processors from the responsibility of carrying out their own tests and experiments. Any relevant patent rights and existing legislation and regulations must be observed.