

# AakoPhos 7D40

## Description

AakoPhos 7D40 is an aqueous solution of the sodium salt of the chelating agent DTPMP which softens water.

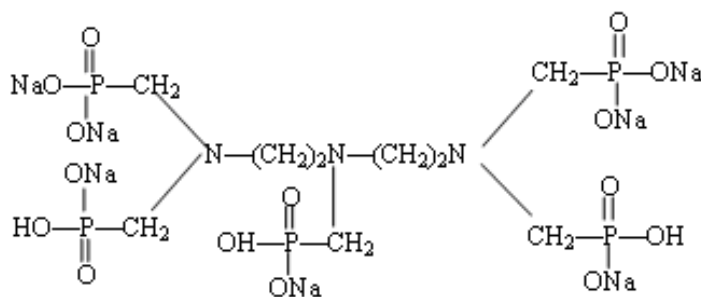
AakoPhos 7D40 suppress the precipitation of Calcium Carbonate, Calcium Sulphate and other scalants.

AakoPhos 7D40 inhibits corrosion by film forming at metal surfaces.

AakoPhos 7D40 has soil dispersing and deflocculation abilities and anti-redeposition properties.

AakoPhos 7D40 is active in the pH 1-13 range and has high temperature stability upto about 130 - 140 °C.

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|-----------------|--|
| ▪ Chemical name | Hepta sodium salt of Diethylene Triamine Penta (Methylene Phosphonic Acid) (DTPMP•Na <sub>7</sub> ); |
| ▪ CAS number    | 68155-78-2   |



## AakoPhos 7D40

### Typical properties

Appearance	Amber transparent Liquid
pH (1% solution)	7.0 – 9.0
Active content as Na <sub>7</sub> DTPMP	40.0 - 42.5 %
Active content as DTPMPA	31.5 - 33.5 %
Iron	≤ 20 ppm
Chloride	≤ 5 %
Density 20°C, g / cm <sup>3</sup>	1.34 – 1.44

### Storage:

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