



## KOR PD 32

## DTPMP Na<sub>7</sub>

**CHEMICAL NAME** Hepta sodium salt of Diethylene Triamine Penta (Methylene Phosphonic Acid)

**Molecular Formula** C<sub>9</sub>H<sub>21</sub>O<sub>15</sub>N<sub>3</sub>P<sub>5</sub>Na<sub>7</sub>

**Einecs No** 701-216-4

### ODUCT FEATURES

- ✓ The product an Organophosphoric acid corrosion inhibitor
- ✓ Excellent CaCO<sub>3</sub> scale inhibition and chlorine stability
- ✓ It can chelate Fe, Cu and Zn ions
- ✓ Built together with other water treatment chemicals, product performs good synergitic performance.
- ✓ Product is hard to be decomposed under normal light and heat conditions

### USE AREA

- ✓ Cooling Water treatment
- ✓ Peroxide Bleach
- ✓ Stabilization and scale Control in Detergent
- ✓ Industrial & Institutional Cleaners,
- ✓ Oil field scale Control
- ✓ Metal Ion Control

#### MKS DevO Chemicals

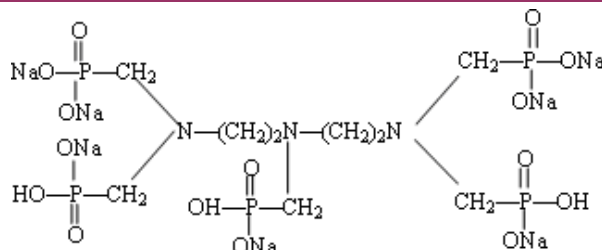
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### STRUCTURE



### PHYSICAL PROPERTIES

<b>Active Content(DTPMP)%</b>	31,5 – 33,5
<b>Active Content(DTPMP Na<sub>7</sub>)%</b>	40,0-42,5
<b>Boiling Point °C</b>	Approx. 100°C
<b>Density (@20°C),g/cm<sup>3</sup></b>	1,34 – 1,39
<b>pH</b>	6,0 – 7,0
<b>Chloride Content%</b>	Max. 5
<b>Iron Content , ppm</b>	Max. 20
<b>Appearance</b>	Clear/Amber Liquid

### SAFETY

It is not classified as dangerous.

### PACKAGE

Container, Drum and IBC

### STORAGE

Material should be kept cool and dry for best results.