



# Uniphos Chemicals

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## XF-336A (DTPMPA.2Na)

**XF-336A (DTPMPA.2Na)** is the neutral pH sodium salt version of **XF-336**, a general purpose scale inhibitor, powerful sequestrant and excellent barium sulphate scale inhibitor. **XF-336A** is recommended for applications in cooling water treatment, detergents, peroxide bleach stabilization, I & I cleaners, oil field scale control.

<b>Abbreviation</b>	DTPMPA.2Na
<b>Molecular Formula</b>	$C_9H_{28-x}N_3O_{15}P_5Na_2$
<b>Molecular Weight</b>	617 (approx)
<b>Chemical Name</b>	Diethylenetriamine Pentamethylene Phosphonic Acid Sodium Salt
<b>CAS Number</b>	22042-96-2

### Typical Properties

<b>Appearance</b>	Clear dark amber liquid
<b>Active Acid (%)</b>	43.0 – 49.0
<b>pH @ 25°C, 1% solution</b>	2.0 – 3.0
<b>Specific gravity @ 20°C, g/cm<sup>3</sup></b>	1.39 – 1.43
<b>Iron (as Fe, ppm)</b>	35 max
<b>Chlorides (Cl, %)</b>	6.0 max
<b>Phosphoric Acid, %</b>	1.5 max.

### Packaging

PE drum, IBC/Tote  
MSDS is available upon request.