



# Uniphos Chemicals

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## XF-336 (DTPMPA)

**XF-336(DTPMPA)** is a 50% solution of Diethylenetriaminepenta (methylene phosphonic acid). It is a general-purpose scale inhibitor, powerful sequestrant and excellent barium sulphate scale inhibitor. **XF-336** is recommended in applications of cooling water treatment, peroxide bleach stabilization and scale control in detergent formulations, I & I cleaners, geothermal water treatment, oil field scale control.

<b>Abbreviation</b>	DTPMPA
<b>Molecular Formula</b>	$C_9H_{28}N_3O_{15}P_5$
<b>Molecular Weight</b>	573.2
<b>Chemical name</b>	Diethylenetriaminepenta (methylene phosphonic acid)
<b>CAS Number</b>	15827-60-8

### Typical Properties

<b>Appearance</b>	Yellow to amber liquid
<b>Active acid, %</b>	$\geq 50.0$
<b>pH @ 25°C, 1% solution</b>	2.0 max.
<b>Specific gravity @ 20°C, g/cm<sup>3</sup></b>	1.35 – 1.45
<b>Iron, as Fe, ppm</b>	20 max.
<b>Chloride (Cl), %</b>	12.0 – 17.0

### Packaging

PE drum, IBC/Tote

MSDS is available upon request.