



# Uniphos Chemicals

No. 8, Tonghai 2nd Road

Rudong, Nantong 226407, China

Tel.: +86-513-69908111 Fax: +86-513-69908155

## XF-336S (DTPMPA.Na7)

**XF-336S(DTPMPA.Na7)**, sodium salt of DTPMPA, is a general purpose scale inhibitor, powerful sequestrant and excellent barium sulphate scale inhibitor. It is recommended for application in cooling water treatment, peroxide bleach stabilization and scale control in detergent formulations, I & I cleaners, oil field scale control.

<b>Abbreviation</b>	DTPMPA.Na7
<b>Molecular Form</b>	$C_9H_{21}N_3O_{15}P_5Na_7$
<b>Molecular Weight</b>	727
<b>Chemical Name</b>	Sodium salt of Diethylene Triamine Penta (Methylene Phosphonic Acid)
<b>CAS Number</b>	68155-78-2

### Typical Properties

<b>Appearance</b>	Amber liquid
<b>Active acid, %</b>	24.0 – 26.0
<b>Active salt, %</b>	30.5 – 33.0
<b>pH @ 25°C, 1% solution</b>	7.0 – 9.0
<b>pH @ 25°C, as is</b>	6.0 – 8.0
<b>Specific gravity @ 20°C, g/cm<sup>3</sup></b>	1.25 – 1.35
<b>Iron, as Fe, ppm</b>	20 max
<b>Chlorides (Cl), %</b>	5.0 max

### Packaging

210L PE drum, IBC/Tote  
MSDS is available upon request.