



## Uniphos Chemicals

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### XF-339 (BHMTMPMA)

**XF-339(BHMTMPMA)** is an effective threshold scale inhibitor for carbonate and sulfate scales. It has excellent hydrolytic and thermal stability over a wide range of pH values at temperatures above 120°C. **XF-339** has good calcium compatibility. It is recommended in application for oil field water treatment.

<b>Abbreviation</b>	BHMTMPMA
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>44</sub> N <sub>3</sub> P <sub>5</sub> O <sub>15</sub>
<b>Molecular Weight</b>	685
<b>Chemical Name</b>	Bis (Hexamethylene Triamine Penta (Methylene Phosphonic Acid))
<b>CAS Number</b>	34690-00-1

#### Typical Properties

<b>Appearance</b>	Dark amber liquid
<b>Active Acid (%)</b>	45.0 – 51.0
<b>Chlorides (as Cl, %)</b>	≤ 6.0
<b>Iron (as Fe, ppm)</b>	35.0max.
<b>pH (1% solution) @ 25°C</b>	2.0 max.
<b>Specific Gravity @ 20°C</b>	1.20 -1.26

#### Packaging & Safety

250kg PE drum, IBC/Tote  
MSDS is available upon request.