



# Uniphos Chemicals

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## XF-4000 (PESA)

### Scale & Corrosion Inhibitor

**XF-4000(PESA)** is a multivariate antiscala and corrosive inhibitor with non-phosphor and non-nitrogen, with good antiscala and dispersion performance to calcium carbonate, calcium sulfate, calcium fluoride and silica scale, with effects better than that of ordinary organophosphates and obvious synergism effects, when built with organophosphates.

<b>Abbreviation</b>	PESA
<b>Chemical Name</b>	Sodium salt of Polyepoxysuccinic Acid
<b>Molecular Formula</b>	HO(C <sub>4</sub> H <sub>2</sub> O <sub>5</sub> M <sub>2</sub> ) <sub>n</sub> H
<b>Commercial Form</b>	Aqueous Solution
<b>Molecular Weight</b>	400-600

### Typical Properties

<b>Appearance</b>	Colorless to amber transparent liquid
<b>Solids content (%)</b>	32.5-34.0
<b>pH (1% solution) @ 20 °C</b>	9.0-12.0
<b>Specific gravity (20 °C, g/cm<sup>3</sup>)</b>	1.25-1.29

### Package and Storage:

210L HDPE Drum;1000L IBC(tote);Isotank