



# Uniphos Chemicals

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## XF-325 (PCA)

XF-325(PCA) is a **Phosphino Carboxylic Acid**. It offers the following benefits:

- Cost effective
- Thermally and hydrolytically stable
- Excellent performance under pulp/paper conditions
- Effective against barium sulphate and calcium oxalate
- Can be used in applications where steam may contact food
- Cost savings by removing need for more expensive speciality copolymers
- Provides extended performance under boiler conditions at pressures up to 1000 psig
- Outperforms polyacrylates in pulp/paper applications
- Multifunctional scale control and dispersancy in paper machines

<b>Abbreviation</b>	PCA
<b>Chemical Name</b>	Phosphino Carboxylic Acid
<b>Commercial Form</b>	Aqueous Solution
<b>Molecular Weight</b>	3,600
<b>CAS NO.</b>	71050-62-9
<b>Recommended Uses</b>	Sludge dispersant, Dispersant in de-inking Paper machine deposit control

### Typical Properties

<b>Appearance</b>	Colorless to pale yellow clear solution
<b>Solids Content (%)</b>	38.0-42.0
<b>pH @ 25°C</b>	3.5-4.5
<b>Specific gravity (20°C, g/cm<sup>3</sup>)</b>	1.20-1.24

### Packaging

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