



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

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

Typical Properties

Appearance	Colorless to pale yellow clear solution
Solids Content (%)	38.0-42.0
pH @ 25°C	3.5-4.5
Specific gravity (20°C, g/cm³)	1.20-1.24

Packaging

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