

Phosphino-Carboxylic Acid (PCA)

Properties:

Through the introduction of phosphonic group into carboxylic group, **PCA** has good dispersion property for scale of calcium carbonate and calcium phosphate in circulating cool water system. It has good scale inhibition for barium sulfate, strontium sulfate and silica scale. **PCA** has advantages in wide range of water quality, chemical stability, strong chlorine tolerance, etc. **PCA** can be used as scale and corrosion inhibitor in circulating cool water system and oilfield refill water system.

Specification:

Items	Index
Appearance	Colorless to light yellow transparent liquid
Solid content %	50.0 min
Total phosphor (as PO ₄ ³⁻)%	0.5 min
Density (20°C) g/cm ³	1.20-1.28
pH(1% water solution)	3.0-5.0

Usage:

When used alone, the dosage of 5-20mg/L is preferred. It can also be used together with organophosphines, copolymer, zinc salt or BTA.

Package and Storage:

200L plastic drum, IBC (1000L), customers' requirement. Storage for ten months in shady room and dry place.

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🌐 Shimichi.ir

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📍 دفتر مرکزی: تهران، خیابان آزادی، خیابان شهید حبیب اله، خیابان شهید قاسمی، کوچه گلستان، پلاک ۴، طبقه اول

📍 آزمایشگاه: اتوبان فتح، ابتدای جاده شهریار شهرک صنعتی گلگون، بین ششم شمالی و جنوبی، بلوک ۱۰۷۴، واحد ۲