

PRODUCT INFORMATION



AquaSol® P9100 Phosphino-Carboxylic Acid (PCA)

CAS NO.: 71050-62-9 Structural Formula:

Physico-Chemical Properties:

Appearance	Colorless to pale yellow aqueous solution
Solid content %	37.5-42.5
Total phosphor (as P) %	0.80 min
PH(1% water solution)	3.5-4.5
Density (20°C) g/cm ³	1.20 min

General Information

Phosphino-Carboxylic Acid (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. TH-164 PCA has advantages in thermal stability and strong chlorine tolerance. TH-164 PCA can be used as scale and corrosion inhibitor in circulating cool water system and oilfield refill water system. PCA has better performance than acrylic products in paper making mill, ceramic industry and etc.. It can also be used to disperse scales in boilers.

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

Safety Protection

Acidity, Avoid contact with eye and skin, once contacted, flush with water.



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