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Unit 7, No. 231, Jamalzadeh Street,
Tehran, Iran

Phosphino-Carboxylic Acid (PCA)

Corrosion Inhibitor

Phosphino-Carboxylic Acid (PCA)

CAS No. 71050-62-9

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Properties:

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

Specification:

Items	Index
Appearance	Colorless to pale yellow aqueous solution
Solid content %	37.5-42.5
Total phosphor (as P) %	0.80 min
Density (20ºC) g/cm^3	1.20 min
pH (as it)	3.5-4.5

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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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Synonyms:

PCA; POCA; phosphino carboxylic acid; Phosphino Carboxilic Acid (PCA); dispersant PCA;Copolymer of Phosphono and carboxylic Acid;

Keywords: PCA