

# KR-164 Phosphino-Carboxylic Acid (PCA)

CAS No. 71050-62-9

## Properties:

**KR-164 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. **KR-164 PCA** has advantages in thermal stability and strong chlorine tolerance. **KR-164 PCA** can be used as scale and corrosion inhibitor in circulating cool water system and oilfield refill water system. **KR-164 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.

## Specification:

Items	Index
Appearance	Colorless to pale yellow aqueous solution
Solid content, %	37.5-42.5
Total phosphor (as PO <sub>4</sub> <sup>3-</sup> ), %	0.8 min
Density (20°C), g/cm <sup>3</sup>	1.20min
pH(as it)	3.5-4.5

## 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.

## Synonyms:

[PCA](#); [POCA](#); phosphino carboxylic acid; Phosphino Carboxylic Acid (PCA) ; dispersant

PCA; [Copolymer of Phosphono and carboxylic Acid](#);

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## Contact Us

**TEL:** +86-632-3671188

**E-mail:** [export@krchemical.com](mailto:export@krchemical.com)

**Website:** [kairuiwater.com](http://kairuiwater.com) | [krwater.com](http://krwater.com) | [krwater.net](http://krwater.net)

**ADD:** No.1, Fuqian South Road, Xuecheng Chemical Industrial Park, Xuecheng District,  
Zaozhuang City, Shandong Province, China