

KR-682 Scale and Corrosion Inhibitor for low hardness water

Properties:

[KR-682](#) is built with surfactant, dispersant, corrosion inhibitor, etc. It is suitable for system using soft water and other low hardness water as cool media. Because there are little contents of Ca²⁺ and Mg²⁺ ions in soft water, scale cannot be formed. Many corrosion inhibitors use Ca²⁺ and Mg²⁺ ions in water system to form protection membrane on metal surface, but there are little contents of Ca²⁺ and Mg²⁺ ions in soft water, the corrosion inhibition is a difficult question for soft water system. Through experiments, we develop this greenish scale and corrosion inhibitor for soft water system. [KR-682](#) is a composite corrosion inhibitor by inhibition of metal polarization. [KR-682](#) has no contents of such noxious subjects as nitrite and chromate, no pollution to environment, its corrosion ratio to carbon steel far lower than that of national standard.

Specification:

Items	Index
Appearance	yellow transparent liquid
Solid content, %	30.0 min
pH(1% water solution)	3.0±1.5
Density (20°C), g/cm ³	1.20 min

Usage:

Add [KR-682](#) into plastic pool (or box) every day, dilute with water and continuously add into inlet of dosage pump or metering valve (outlet of collecting tank). The dosage of 30-70ppm is preferred.

Package and Storage:

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

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Contact Us

TEL: +86-632-3671188

E-mail: export@krchemical.com

Website: kairuiwater.com | krwater.com | krwater.net

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