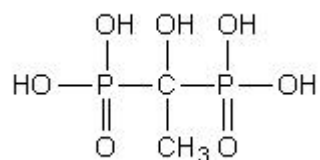


KR-503 Scale and Corrosion Inhibitor for Boiler



CAS No.	2809-21-4	EINECS No.	220-552-8
Molecular Formula	C ₂ H ₈ O ₇ P ₂	Molecular Weight	206.02

Structural Formula



Product Features

KR-503 Scale and Corrosion Inhibitor is built with organophosphine and polycarboxylic acid. KR-503 Scale and Corrosion Inhibitor has advantages of high efficiency of scale & corrosion inhibition and good temperature tolerance. KR-503 Scale and Corrosion Inhibitor can be used in water treatment of low pressure boiler. Boilers include radiator, steam, locomotive, etc. KR-503 Scale and Corrosion Inhibitor can also be used as scale and corrosion inhibitor in situation of desalination plant, distillation and bus water tank.

Applications & Usage

Add 200g per ton water of KR-503 Scale and Corrosion Inhibitor into boiler make-up water. During operation, blow-off every hour, 5-10 second each time. If the boiler has heavy scale, increase the quantity, and frequently blow-off. After 10-20 days' continuous operation, stop the boiler, open the handhole, remove the visible scale deposit to prevent conduit blockage, then, the boiler may turn into normal operation again. KR-503 Scale and Corrosion Inhibitor would be better if the condense index of boiler water was controlled within 10. Other parameters may refer to related regulations (boiler water pH10-12, for example). pH value should not be lower than 7.

The material of medicate tank should be in plastic, concrete tank should be pretreated by anticorrosion method, otherwise, it will be eroded by the medicine, and the hardness will be increased much high.

Total hardness of boiler make-up water should be lower than 200mg/L. Once too high hardness is countered, lime or other methods should be used to lower it .

Package & Storage

25L Drum	200L Drum	1000L IBC	ISO Tank
			
Storage for 10 months in shady room and dry place.			

Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	  
Acid, avoid contact with eye and skin, once contacted, flush with plenty of clean water.	