



PRODUCT BULLETIN
BOILER WATER TREATMENT

AQUA-KEM 4A

Alkalinity Booster

General Description	AQUA- KEM 4A is a strong alkaline liquid containing an organic stabilizer antifoam and slight amount of organic dispersant. It is used specially to boost the alkalinity and pH of boiler water
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Advantages	<ul style="list-style-type: none"> • Specially designed as an alkalinity booster without raising TDS or other chemical constituents in boiler water system.
	<ul style="list-style-type: none"> • No release of carbon dioxide into steam.
	<ul style="list-style-type: none"> • Compliance with FDA Regulation for additives treating steam boilers in the food industries.

Product Data	Appearance	Dense, brown liquid
	Density at (25°)	(1.4-1.5)
	Flash Point	Nil
	pH of 1% solution	(13-14)

Application	AQUA-KEM 4A is used when the pH and hydrate alkalinity of the boiler water is below the recommended level. It serves as a corrosion and scale inhibitor in boiler water conditioning acting in conjunction with other chemicals.
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Feeding and Dosage	AQUA-KEM 4A may be diluted with clear water up to 10% strength. It can be mixed together with other chemicals used in the treatment. The amount of AQUA-KEM 4A required depends on the steaming rate and chemical characteristics of the feed water and also the alkalinity contribution from other chemicals used in conjunction
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Safety in Handling	Normal precautions should be taken to avoid contact of the chemical with the body or clothing. Eye protection and rubber gloves should be worn when handling. Affected parts should be flushed immediately with plenty of water
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