



PRODUCT BULLETIN
BOILER WATER TREATMENT

AQUA-KEM 88L

Liquid Scale & Deposit Modifier

General Description	AQUA-KEM 88L is a specially formulated liquid compound- containing complex phosphates and organic antifoam. As a liquid, it is much easier to dissolve and handle than the powder phosphate equivalent.
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Advantages	<ul style="list-style-type: none"> Prevents formation of hard scales and deposits in boiler internals by reacting and converting the "hardness" ions to form a soft, non-adhering sludge deposit It is effective at boiler water temperature above 100°C and in all pH values Antifoam component ensures least foaming and carry over during steaming.
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Application	AQUA-KEM 88L is used in boiler water treatment to prevent hard scale formation in the form of calcium sulphate, silicates and other mineral salts. It should be used in conjunction with organic dispersants such as KEM 72
	AQUA-KEM 88L has the dual capability of deflocculating the precipitates of calcium, magnesium and iron as well as the sequestering of heavy metals. An organic antifoam in the formulation minimizes foaming and carryover of salts into the steam system.
	Suitable for use in boiler water systems for the food, textile and paper industries. It is widely used in conventional phosphate control for both high and low pressure boilers and also for congruent phosphate control

Typical Properties	Appearance	Clear liquid
	Odour	Odourless
	Specific Gravity	1.2 - 1.3
	pH of 1% solution	6.0-8.0

Feeding	AQUA-KEM 88L should be fed directly to the boiler internal or to the feed water line as Near to the boiler as possible. In preparing the chemical solution, a strength not exceeding 5% is recommended. The solution is dosed into the system by a chemical metering pump or via a pressure vessel
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Safety and Handling	<p>Do not allow contact of the chemical with the eyes or with the skin, for a long period Wear goggles and protective clothing when handling the chemical. When the eyes or body are affected, wash immediately with clean-water and seek medical attention.</p> <p>AQUA-KEM 88L is to be stored in dry, covered area in tightly closed containers.</p>
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