
TECHNICAL PRODUCT BULLETIN

A blue rectangular box with the text 'P 75 S' in white, bold, sans-serif font centered inside.

Description

P 75 S is a liquid product designed to prevent boiler deposits. The formulation contains phosphate, sequesterants, polymers, and antifoam. The phosphate is used to precipitate soluble calcium hardness from the boiler water. The sequesterants are used to form soluble heat stable complexes with constituents which act as binders for typical boiler water sludge. The synthetic polymers prevent any kind of suspended solids from adhering to internal boiler surfaces and gradually remove existing deposits. The antifoam prevents boiler water carryover.

Properties

| | |
|---------------------------|--------------------|
| Appearance: | Clear, water white |
| Specific gravity at 20°C: | 1.50 |
| pH: | 10.6 |

Feeding

P 75 S may be fed directly from the drum. The preferred feed point is to the steam drum through the chemical feedline, although feeding to the pre-boiler system is also acceptable. Continuous treatment is recommended for the lowest cost and best control.

Control

The dosage of P 75 S is adjusted to maintain an excess of 30–50 parts per million (ppm) of phosphate as PO₄ in the boiler water.

FDA Information

Neither the Federal Food and Drug Administration nor the United States Department of Agriculture has any objection to the constituents used in the manufacture of P 75 S for treating boiler water where the steam directly contacts food products.

Handling

P 75 S is mildly alkaline. Standard precautions should be taken while handling. Do not take internally. If liquid gets in eyes, flush with plenty of water and get medical attention.

Packaging

P 75 S is available in 30-gallon and 55-gallon containers.