

# BETAGARD 2125

## BOILER SCALE CONTROL

**Description** BETAGARD 2125 is a concentrated liquid for boiler water treatment which yields internal boiler conditions consistent with standard alkali phosphate control regime of operation indicated for boilers where silica volatility is a concern, and may also be used as the basis of residual or coordinated phosphate pH control regimes where necessary. This excellent product incorporates advanced deposition control polymers which synergize with the phosphates in the formulation to control scale and give a very clean boiler even with difficult or poorly softened feedwater. BETAGARD 2125 is economical and simple to use, its application to maintain the appropriate boiler water conditions (prescribed standards or limits) should be based on recommendations of our Technical Representative, and these limits will be in compliance with normally accepted international standards for your type of boiler. To maintain alkalinity within the boiler the supplementary addition of our BETAGARD 2048 liquid alkalinity builder may be required. Materials being used in the formulation are GRAS (Generally Recognized as Safe by FDA) and also conform to FCC (Food Chemicals Codex) specification.

**Properties**

Appearance	Clear yellow to amber liquid
pH	7.5 – 9.5
Sp. Gravity at 25 DEG C	1.35 – 1.45
Solubility	Completely soluble in water

**Dosage and Feeding**

BETAGARD 2125 may be injected directly to the boiler drum via an appropriate dosing pump operated continuously. After an initial charge has established adequate residuals phosphate in the boiler, ongoing dosage rate will be set to replace chemicals lost in the blowdown, but the concentration levels and rates of injection need to be specifically determined on the basis of expert recommendations according to the type of boiler and water quality. Please consult our Technical Engineer. BETAGARD 2125 may be fed along with other conditioning chemical for boiler water.

**Handling and storage**

Observe normal precautions for industrial chemicals. Wear goggles when handling. Avoid contact with eyes or skin. If eyes are contacted, flush with plenty of water for about 15 minutes and get medical attention immediately.

**Packing**

In plastic container with net weight 30 kg.