



PRODUCT DATA

PD 155

AQUARIGHT DP 3117

POLYMERIC ANTI-SCALANT

DESCRIPTION AND USE

AQUARIGHT DP 3117 is a phosphinocarboxylic acid polymer which has been developed as a scale control agent for use in boiler water treatment. It is a versatile product providing cost-effective control of carbonate, phosphate, sulphate and iron deposits under a wide range of operating conditions.

AQUARIGHT DP 3117 is approved for food industry applications and is supplied as an easy to handle liquid. AQUARIGHT DP 3117 is normally used with an oxygen scavenger and a phosphate.

GENERAL SPECIFICATION

Appearance	: Transparent
Odour	: Slight
Specific gravity at 25° C	: 1.20
pH (as supplied)	: 4 - 5
Solubility - water	: Miscible
- ethylene glycol	: Miscible
- 50% caustic soda	: Miscible
Viscosity at 25° C	: 90-150 cSt

TREATMENT AND DOSAGE REQUIREMENTS

AQUARIGHT DP 3117 dispersant is used to disperse boiler water sludge's and to assist in the on-line clean-up of boilers. AQUARIGHT DP 3117 dispersant gives excellent performance with all types of boiler water treatment programmers. It is used to disperse carbonate and phosphate sludge's and may be used as a calcium sequestrant in all polymer programmers.

AQUARIGHT DP 3117 is supplied as a low viscosity liquid allows it to be handled by conventional metering pumps, without dilution, but it may be diluted if desired.

AQUARIGHT DP 3117 is normally maintained at concentrations between 25 and 100 mg/liter, in the boiler water. The optimum treatment level, for any plant, will be specified by your AQUARIGHT representative or agent to ensure reliable performance.

PRODUCT BENEFITS

Effective scale inhibition for any types of boilers
Low toxicity
Compatible with a complete boiler water treatment programmer may be dosed direct from the drum.
Has a good thermal stability up to 285 °C

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