



WSB[®] 1100

boiler water treatment

Use

WSB[®] 1100 is a highly effective liquid deposit and corrosion inhibitor for treating steam generating systems.

Features

WSB[®] 1100 is a liquid combination of antiscalant, sequestrants, organics and oxygen scavengers. The deposit control component in the **WSB[®] 1100** are organophosphorus compounds and anionic polymeric dispersants. These polymers will inhibit the formation of hardness-based scale crystals and disperse the resulting aborted scale fragments in the boiler water. Iron in the boiler water and feedwater circuit is kept in the soluble ferrous form by an effective iron reducing agent. This action better allows the specific iron sequestrants in **WSB[®] 1100** to complex iron and remove it via blowdown. The combination of iron reducing agent and sequestrants prevents iron to form insulating deposits. **WSB[®] 1100** does not contain any phosphate or polyphosphate, so the produced into the boiler sludge is minimal.

Appearance

Hazy brown liquid
Density (kg/m³) : 1150 -1240
pH : 12
Freezing point : < 1°C

These data are to be seen as typical values and should not be considered as specifications.

Feeding

The preferred feedpoint for **WSB[®] 1100** is to the feedwater line, neat or as a dilute solution,

downstream of the feedwater pump, through stainless steel piping and injection quill. The dosage is dependent upon feedwater analysis as well as boiler operating conditions. A phosphonate test is needed to ensure that the dosage of **WSB[®] 1100** deposit inhibitor is within the recommended control range should be used.

Handling precautions

Wear suitable protective clothing, goggles and gloves. In case of contact immediately flush with water for 5 - 15 minutes. After eye contact seek medical advice. Do no swallow. Before use review the Material Safety Data Sheet for additional information.

Transport classifications

A.D.R. : not classified
IMDG : not classified
U.N.nr. : not classified

Labelling for Handling

Symbol : Xi; irritating
R-phrases: 36/38
S-phrases : 26, 37/39

Packaging

WSB[®] 1100 is packed in 30 kg jerrycans, 125 kg and in 220 kg PE drums.

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