

MAXTREAT[®] 3100 L

OXYGEN SCAVENGER

MAXTREAT 3100 L is a catalysed oxygen scavenger in liquid form. It is a blend of sodium bisulphite and a catalyst. It is recommended for the rapid and complete removal of dissolved oxygen from boiler feed water having high alkalinity. MAXTREAT 3100 L reacts with oxygen to produce sodium sulphate and also reduces alkalinity simultaneously.

BENEFITS

RAPID REACTION

The catalyst MAXTREAT 3100 L speeds up removal of dissolved oxygen. Oxygen can be removed completely even from cold water due to catalytic action. Normal reaction time is as low as 15 to 20 seconds as against 10 to 30 30 minutes for uncatalysed sulphite.

EASY TO HANDLE

MAXTREAT 3100 L is free flowing liquid. It is soluble in water even at lower feed water temperature. It is non-toxic and non corrosive and therefore, can be handled easily.

pH CONTROL

MAXTREAT 3100 L is formulated for high alkalinity in boiler water to get proper pH control for optimum availability of catalyst for rapid oxygen removal.

COST EFFECTIVE

The catalytic action of MAXTREAT 3100 L reduces the excess requirement of Suphite in feed water for rapid oxygen removal. Thus, the quantity required is lower. making this treatment cost effective.

APPLICATION AND DOSAGE

MAXTREAT 3100 L solution should be dosed continuously in the boiler feed water line after the deaerator. Dissolve the required quantity of MAXTREAT 3100 L gently in boiler feed water in a separate tank. Dose this solution continuously in the boiler feed waterline after the deaerator.

About 24 ppm of MAXTREAT 3100 L is required for the removal of 1ppm of dissolved oxygen from boiler feed water. About 10% to 20% of product to be dosed in excess to provide oxygen consuming reserve.

Feed water Temperature	3100 L dosage gms/ton of steam
More than 80 C	45
60 to 80 C	90
40 to 60 C	180
Less than 40 C	300

Thermax will provide technical assistance in arriving at optimum dosage for your operating conditions and requirements and in selecting a suitable dosing system for your plant.

HANDLING, STORAGE AND PRECAUTIONS

MAXTREAT 3100 L should be stored in a dry condition. Close the container tightly to avoid contact with air. Normal precautions should be taken while handling the material. In case of contact, wash with lot of water. Avoid contact with eyes and skin. Do not swallow.

PACKING

MAXTREAT 3100 L is available in 35 kg polyethene carbouys.