



Green Technology



Chemical Division

MAXGREEN™ 3100 L

OXYGEN SCAVENGER FOR HIGH ALKALINITY BOILER FEED WATER

Maxgreen™ 3100 L is a catalyzed liquid oxygen scavenger. It is recommended for the rapid and complete removal of dissolved oxygen from boiler feed water where feed water alkalinity is excess.

◆ **BENEFITS**

- **ENVIRONMENTAL FRIENDLY**

Being eco-friendly, **Maxgreen™ 3100 L** does not persist in the environment, and it breaks down into innocuous degradation products.

- **RAPID REACTION**

The catalysed **Maxgreen™ 3100 L** speeds up removal of dissolved oxygen. Normal reaction time is very low compare to uncatalysed conventional sulphite.

- **EASY TO HANDLE**

Maxgreen™ 3100 L is a liquid formulation. It is soluble in water. It is non-toxic and non-corrosive and, therefore, can be handled easily

- **pH CONTROL**

Maxgreen™ 3100 L is also helping in controlling desired pH of boiler water and reduces blowdown.

- **COST EFFECTIVE**

The catalytic action **Maxgreen™ 3100 L** reduces the excess requirement of oxygen scavenger in feed water for rapid removal of oxygen. Thus the requirement of oxygen scavenger reduces making treatment cost effective.

◆ APPLICATION AND DOSAGE

Maxgreen™ 3100 L solution should be dosed continuously in the boiler feed water line after the deaerator. Dissolve the required quantity of **Maxgreen™ 3100 L** gently in boiler water in a separate tank.

About 24-30ppm of **Maxgreen™ 3100 L** is required for the removal of 1 ppm of dissolved oxygen from boiler feed water. About 10% to 20% of product to be dosed in excess to provide oxygen consuming reserve. In case of drop in pH, treatment should be supported with **Maxgreen™ 3007** or **Maxtreat 3006**.

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

◆ HANDLING AND SAFETY

Maxgreen™ 3100 L should be stored in 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

Maxgreen™ 3100 L is available in 35 kg carboys.



Usage of “Green” products shows environmental awareness and concern



THERMAX

Sustainable Solutions in
Energy & Environment

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