

Chemical Division

MAXTREAT 3221 “BOILER WATER TREATMENT CHEMICAL”

Maxtreat 3221 is a liquid formulation designed for the internal treatment of feed water used in water tube boilers. It contains a corrosion inhibitor, an anti-scalant and a sludge conditioner. Maxtreat 3221 is formulated for the treatment of water tube boilers using soft or dematerialized feed water.

◆ BENEFITS

PREVENTS AND REMOVES DEPOSITION

Maxtreat 3221 contains a polymeric sludge conditioner which fluidizes sludge and removal of sludge is done during normal blowdown. A powerful antiscalant prevents calcium and iron deposition and also helps in the removal of existing scale. The combination of a sludge conditioner and an antiscalant keeps the boiler clean.

CORROSION INHIBITION

Maxtreat 3221 contains a corrosion inhibitor which forms a protective passive film over the boiler surface. The corrosion inhibitor reduces fouling due to iron hydroxides, pitting and tube failures.

SAVES ENERGY

The boiler is kept clean due to the anti-scalant and dispersant actions of Maxtreat 3221. This helps to maintain peak heat transfer efficiency reducing energy losses.

FLEXIBLE DOSAGE CONTROL

Maxtreat 3221 is a balanced formulation. Moderate under-dosing is compensated by multi-component formulation. Overfeeding of this product does not pose any hazards. Thus it provides unique flexibility of dosing.

◆ APPLICATION & DOSAGE:

The requirement of Maxtreat 3221 depends on feed water quality and blowdown. The dose of Maxtreat 3221 ranges from 5 to 10 ppm on feed water quantity.

Maxtreat 3221 should be fed as it is or as a diluted solution. It should preferably be dosed continuously through HP dosing. Thermax will provide technical assistance in arriving at optimum dosages for your operating conditions and requirements and in selecting a suitable dosing system for your plant.

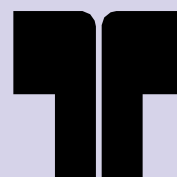
◆ HANDLING AND SAFETY:

Maxtreat 3221 is mildly alkaline in nature. Avoid contact with skin or eyes. In case of contact, wash with fresh water. Do not swallow.

Maxtreat 3221 is stable under normal storage conditions.

◆ PACKING:

Maxtreat 3221 is available in 35 kg carboys.



THERMAX

Sustainable Solutions in
Energy & Environment

Chemical Division

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Thermax Business Portfolio

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