



PRODUCT BULLETIN

MAKS 1311 M3

CONDENSATE TREATMENT

GENERAL DESCRIPTION

MAKS 1311 M3 is an aqueous blend of the neutralizing and film-forming amine mixture.

PRINCIPAL USES

MAKS 1311 M3 is a neutralizing corrosion inhibitor designed for use in steam and complex condensate systems. **MAKS 1311 M3** can be used at steam pressures up to 160 bars and temperatures up to 479°C.

PRODUCT BENEFITS

- Neutralizes acid-forming gases like CO₂
- Provides corrosion protection in initial, middle and extended areas of condensate systems
- Reduces condensate system maintenance cost
- Minimizes boiler tube failures caused by corrosion product in returned condensate

DOSAGE

The specific dosage of **MAKS 1311 M3** varies depending on return condensate rate, make-up water quality and CO₂-content in the steam.

Your **BIMAKS** representative will recommend the optimum dosage necessary to ensure maximum program performance according to your specific system parameters.

Recommended dosing point for **MAKS 1311 M3** is steam header.

FEEDING

MAKS 1311 M3 should be fed neat (undiluted). The product should be fed to the steam header through a stainless steel retractable injector. Feeding ahead of or to the deaerator, the boiler feedwater or to the boiler steam drum is also possible but will result in some product loss through the deaerator vent and/or through the boiler blowdown.

MAKS 1311 M3 must be fed continuously; any interruption in feed will result in scale or deposit formation and possible tube failure. **MAKS 1311 M3** should not be mixed with other chemicals.

MATERIALS: Storage and application equipments (pumps, lines) should be made of stainless steel, PE, PP or teflon. Do not use PVC, PU, Viton, Hypalon or non-ferrous metals such as Copper alloys, Aluminum, Nickel and Zinc.

NOTE: Teflon should be used as a sealing material. Viton or other rubber materials are not compatible with this product.

HANDLING-STORAGE-SHIPPING

As a standard precaution with all chemicals we recommend the use of personal protective equipments such as goggles and rubber gloves when handling. Consult the Material Safety Data Sheet as the only official source of Environmental and Safety information.

MAKS 1311 M3 can be stored for at least 24 months from date of shipping if kept in its original, unopened container and under normal warehouse conditions. Protect from freezing and from exposure to high temperature.

MAKS 1311 M3 is available in non-returnable containers of different sizes.

REMARKS

If you need assistance or more information on this product, please call 0 850 522 71 04. For more news about **BIMAKS** Company, visit our website at www.bimakskimya.com.tr