



ENVICHEM

ENVICHEM 1574

MULTIFUNCTIONAL BOILER TREATMENT

EnviChem 1574 is an all in one multifunctional product containing scale inhibitors , volatile oxygen scavenger, foam control agents neutralizing and filming amines in liquid form.

PRODUCT BENEFITS

- Prevents scale formation and extend the life of the tubes.
- Prevent oxygen corrosion and enable metal passivation.
- Enables a more efficient heat transfer, energy savings and fewer acid cleanings by preventing formation of scales.
- Prevents corrosion from condensate lines and boilers.
- Provides steam purity even in high concentrations.
- Easy to use and apply.
- Cleans iron scaling and rocks in boiler systems.
- Prevents foam formation and related water carryings in boiler systems.

PRINCIPAL USES

- **EnviChem 1574** is a multifunctional product designed for maximum scale inhibition, corrosion protection and internal metal passivation. Steam and condensate lines are protected by specific inhibitors.
- **EnviChem 1574** can be used for the treatment of softened boiler feedwater up to 2.0 ppm total hardness and a maximum operating pressure of 60 bars.

ENVI ECO ENVIRONMENTAL TECHNOLOGY JOINT STOCK COMPANY

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📄 Tax-code: 0312572919

🌐 <https://envi-eco.com>



PROPERTIES

- Physical Aspect: liquid
- Packaging: 25kg plastic drums
- Product Density (at 25°C): $1.04 \pm 0.05 \text{ g/cm}^3$
- pH (100%, at 25°C): 12 ± 1.0
- Stability: 24 months

DOSAGE

The dosage amount of **EnviChem 1574** varies depending on function of the feedwater quality (hardness), boiler operating conditions and pressure. To control the treatment performance of **EnviChem 1574**, there are clear procedures as well as a test-kits.

Envi Eco will recommend the optimum dosage necessary to ensure maximum program performance according to your specific system parameters.

FEEDING:

EnviChem 1574 must be fed continuously into the feedwater tank or into the feedwater line after the deaerator. If dilution is required, feed water should be diluted with cooled condensed water or demineralised water and it should be applied to the feed pump suction or degasser. Dilution reduces the oxygen scavenger performance of **EnviChem 1574**. If feedwater is used for steam attemperation, the product must be fed downstream of the attemperation water takeoff.

MATERIALS: Storage and application equipments (pumps, lines) should be made of PE, PP, stainless steel or Teflon. Do not use Aluminum, Copper or Brass in contact with the neat product.

HANDLING-STORAGE-SHIPPING

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

EnviChem 1574 can be stored for at least 24 months from date of shipping if kept in its original, unopened container and under normal warehouse conditions. It should be avoided from freezing and from exposure to high temperature.

EnviChem 1574 is available in non-returnable containers of different sizes.



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