



ENVICHEM

ENVICHEM 1102C

OXYGEN SCAVENGER

EnviChem 1102C is a liquid oxygen scavenger.

PRODUCT BENEFITS

- Reduces dissolved oxygen in boiler feed water systems to protect from corrosion
- Catalyzed form for faster reaction at lower temperatures
- Saves energy by preventing corrosion on heat exchange surfaces, extends the life of the boiler system.
- Especially suitable for the low alkalinity feed water treatment.
- Through its fortified formula efficiency loss does not occur during the usage and stock.
- FDA 21 CFR 173-310 approved.
- Can be used reduction of the free chlorine.

PRINCIPAL USES

- EnviChem 1102C is an oxygen scavenger designed to control oxygen corrosion in boiler systems with/or without deaerators.
- EnviChem 1102C should always be applied together with an internal scale/deposit product for a complete boiler treatment program.

ENVI ECO ENVIRONMENTAL TECHNOLOGY JOINT STOCK COMPANY

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🌐 <https://envi-eco.com>



PROPERTIES

- Physical Aspect: liquid
- Packaging: 25kg plastic drums
- Product Density (at 25°C): $1.2 \pm 0.05 \text{ g/cm}^3$
- pH (100%, at 25°C): 9.5 ± 1.0
- Stability: 24 months

DOSAGE

The specific dosage of **EnviChem 1102C** varies depending on the amount of dissolved oxygen present at the point of injection. A certain residual has to be maintained in the boiler water.

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

FEEDING:

EnviChem 1102C must be fed continuously to minimize corrosion in the boiler system. Interruption of feed will lead to oxygen pitting on metal surfaces. **MAKS 1102C** should be fed to points that will allow maximum reaction time (e.g. deaerator storage tank).

EnviChem 1102C may be fed neat or diluted.

MATERIALS: Storage and application equipment (pumps, lines) should be made of corrosion resistant materials such as polyethylene, stainless steel, fiberglass, ceramic, lead or rubber.

HANDLING-STORAGE-SHIPING

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 1102C 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 1102C is available in non-returnable containers of different sizes.



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