

PIK KEMICAL

Chemical Technologies

H/7

ULTRACLEAN/STERILGARDE

DISINFECTANTS FOR REVERSE OSMOSIS SYSTEMS

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ULTRACLEAN

Liquid product based on sodium bisulphite, used as biocide in reverse osmosis fresh water generators.

This product disinfects membranes and must be added continuously before the high pressure pump. ULTRACLEAN is also used during suspension periods of the system to block bacteria proliferation on the membranes.

APPLICATIONS

As disinfectant and polluting metal ions reducer in reverse osmosis plants.

ADVANTAGES

- This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V (resolution MEPC.201(62)).

INSTRUCTIONS

Apply continuously before the pump at a concentration of 60 ppm.

PRECAUTIONS

Avoid inhaling and contact with eyes and skin. Use protective overalls, gloves and glasses. In case of contact rinse thoroughly with fresh running water for 15 min. Seek medical advice.

PACKAGING

Non returnable
- Plastic pails 25 liters.

STERILGARDE

Liquid based on sodium hypochlorite, is used in water processing treatments, especially in reverse osmosis fresh water generators.

APPLICATIONS

Disinfectant that allows the complete elimination of every organic substance, concurs moreover the complete oxidation of the metals.

ADVANTAGES

- This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V (resolution MEPC.201(62)).

INSTRUCTIONS

Add STERILGARDE either before or after the osmosis process.

Before:

add the indicated quantity in the point farthest from the membrane and filter the water treated with STERILGARDE through active carbon filters before it reaches the membranes. The ratio required is 4 mlg/lit.

After:

it maintains the water produced by the osmosis plant free of bacteria. A recommended level of chlorine of minimum 2 ppm must be maintained in the storage tanks.

PRECAUTIONS

Do not inhale. Avoid contact with skin and eyes. Use protective overalls, gloves and glasses. In case of contact rinse thoroughly with fresh running water for 15 min. Seek medical assistance.

PACKAGING

Non returnable
- Plastic pails 25 liters.