

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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Doc No : TDSWTROB700
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Type : UDAAQ
Product Code : WTROB700

PRODUCT DATA SHEET> **INFORMATION**

Product Code: WTROB700

Product Name: RO Membrane Biocide Isothiazoline based

Application: RO Treatment

> **DESCRIPTION**

RO membranes often get fouled by organic matter and other slimy deposits. This damages the membrane and reduces efficiency of RO systems. Our WTROB700 is an isothiazoline based broad spectrum non oxidizing microbicide highly effective against all type of Biofilm including sessile & planktonic organisms. It helps to keep the membrane surface free from biofouling, and preserving it clean.

> **SALIENT FEATURES**

RO Water Treatment

Non Oxidizing RO Biocide treatment

Environment-friendly and Non-Toxic RO Treatment

Economical and Ready to use in 5/20 KG Pack

High Chemical Stability with Enhanced Inhibition

Easy to handle with Rapid Action for Instant solution

Complete RO Plant Protection to Enhance life

> **ANALYTICAL DATA**

Appearance : COLOURLESS TO PALE YELLOW COLOUR LIQUID

pH : 2.00 - 5.00

Density : 0.90 - 1.10

> **HANDLING INSTRUCTIONS**

The use of protective Clothing, facemask, safety goggles, shoes and gloves are mandatory. Keep the container away from direct heat & sunlight. Keep the container closed when not in use. The product should not be swallowed and prolonged contact with the skin should be avoided. Should it come in contact with the eyes, flush with clean, cold water and get medical attention.

> **RECOMMENDED DOSAGE**

WTROB700 application depend on the severity of the membrane fouling and specific system parameter, Kindly refer RO Membrane manufacturer literature for specific product application.

OFFLINE CLEANING PROCESS

A) Potable Water - We recommend a 2% by volume solution of WTROB700 should be used to circulate for 1 hrs and soak the membrane for a contact time of 2-3 hrs depending on the Biological contamination.

B) Non-Potable Water - We recommend a 10% by volume solution of WTROB700 should be used to circulate for 1 hrs and soak the membrane for a contact time of 2-3 hrs depending on the Biological contamination.

Note: After the cleaning solution is removed, an alkaline surfactant based cleaning solution (WT-ROC1800) should be used to remove dead organic matters. All Biocide traces are to be removed through flushing with RO permeate water before using the system.

ONLINE CLEANING PROCESS (Non-Potable Water)

We recommend a 5 - 10 PPM of inline continuous dosage of WTROB700 depending on the Biological contamination.