

	RAKIRO BIOTECH SYSTEMS PVT LTD R-466, TTC Industrial Area, MIDC Rabale, Navi Mumbai - 400701 Tel No. +91-7304511200 / 1 / 2 Email :- enquiry@rakiro.net / sales@rakiro.net		Doc No : PD-WT-ROB900
			Rev No : 0
			Product : WATREAT
			Product Code : WT-ROB900
PRODUCT DATA SHEET			
1	<u>INFORMATION</u>		
	RO MEMBRANE BIO CLEANER: DBNPA Based Biocide		
2	<u>DESCRIPTION</u>		
	RO membranes often get fouled by organic matter and other slimy deposits. This damages the membrane and reduces efficiency of RO systems. Our WT-ROB900 is an DBNPA based broad spectrum microbiocide, which is highly effective against all type of Biofilm including sessile & planktonic organisms. WATREAT ROB-900 helps to keep the membrane surface free from biofouling, and preserving it clean. WATREAT-ROB900 is very effective and suitable for potable water systems.		
3	<u>SALIENT FEATURES</u>		
	Planktonic & sessile microorganism growth prevented. Compatible with tap water, brackish water, sea water & other chlorine resistance membrane. Broad spectrum biocide that Cleans organic debris and biofilm. Suitable for sanitizing biofoulant membrane.		
4	<u>ANALYTICAL DATA</u>		
	Appearance	:	Colourless Liquid
	pH	:	Acidic
	Density	:	1.0 to 1.2
5	<u>HANDLING INSTRUCTIONS</u>		
	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.		
6	<u>RECOMMENDED DOSAGE</u>		
	WT-ROB900 application depend on the severity of the membrane fouling and specific system parameter, Kindly refer RO Membrane manufacturer literature for specific product application.		
	<u>OFFLINE CLEANING PROCESS</u>		
	A) Potable Water - We recommend a 1% by volume solution of WT- ROB900 should be used to soak the membrane for a contact time of 2-10 hrs depending on the Biological contamination.		
	B) Non-Potable Water - We recommend a 5% by volume solution of WT- ROB900 can be used to soak the membrane for a contact time of 2-10 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.		