

**RAKIRO BIOTECH SYSTEMS PVT LTD**

R-466, TTC Industrial Area, MIDC  
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Tel No. +91-022-27642236 / 7  
Email :- enquiry@rakiro.net

Doc No :	PD-WT-D10
Rev No :	0
Product :	WATREET
Product Code :	WT-D10

**PRODUCT DATA SHEET**

1	<b><u>INFORMATION</u></b> WATREET D 10-Potable and Process Water Treatment
2	<b><u>DESCRIPTION</u></b> WATREET D 10 is a formulation designed for control of calcium and magnesium deposits, sequestration of dissolved iron & magnesium and corrosion control in once through potable and process water systems. WATREET D 10 is also useful for control of iron and manganese in well water system.
3	<b><u>SALIENT FEATURES</u></b> Multipurpose cleaner Chemical and microbial protection Prevents staining Easy to handle and feed Ready to use liquid
4	<b><u>ANALYTICAL DATA</u></b> Appearance : Colourless to pale yellow pH : Alkaline Specific Gravity :
5	<b><u>HANDLING INSTRUCTIONS</u></b> 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	<b><u>RECOMMENDED DOSAGE</u></b> An dosage of 3 - 5 PPM is recommended but this dosage is to be adjusted in such a way that it should give protection to the system, while being economical. Dosage might vary depending on specific system parameter.

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Doc No :	PD-WT-AF10
Rev No :	0
Product :	WATREET
Product Code :	WT-AF10

**PRODUCT DATA SHEET**

1	<b><u>INFORMATION</u></b> WATREET AF 10: DEFOAMER / FOAM CONTROL AGENT
2	<b><u>DESCRIPTION</u></b> WATREET AF 10 is a Silicon based defoamer as well as foam control agent. It is found to be powerful and highly effective. Due to its unique properties, it can be used in practically all industrial applications where unwanted foam creates problems in Manufacturing processes. WATREET AF 10 can be used in the different industries such as Adhesive, Agriculture , Bitumen. Construction, Dyes & Pigments, Emulsion polymerization, Oilfield & petroleum, Paper & Pulp Sugar Soaps & Detergents, Waste water Treatment
3	<b><u>SALIENT FEATURES</u></b> Highly effective defoamer. Easy to use. Broad spectrum of application.
4	<b><u>ANALYTICAL DATA</u></b> Appearance : White stable emulsion pH : 5.0 – 7.0 (5% pH in distilled water) Specific Gravity :
5	<b><u>HANDLING INSTRUCTIONS</u></b> 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	<b><u>RECOMMENDED DOSAGE</u></b> The dose of the WATREET AF 10 depends on the type of application and on the severity of the foaming problem. Your Water Treatment expert can guide you for optimum dosages. Generally, the recommended dose is in the range 30 to 50 ppm.

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Doc No :	PD-WT-IC10
Rev No :	0
Product :	WATREET
Product Code :	WT-IC10

**PRODUCT DATA SHEET**

1	<b><u>INFORMATION</u></b> WATREET IC 10-Aluminium Cleaner
2	<b><u>DESCRIPTION</u></b> WATREET IC-10 is an inhibited alkaline cleaner. The product is used for cleaning of Air Handling Units (AHU) & Aluminium piston and Radiators. AHU if not cleaned readily & properly lose their cooling efficiency. This drastically reduced efficiency in turn makes the AHU consume more electricity. Therefore to prevent this problem it is important to clean the AHU regularly. An effective cleaner would keep the AHU free of muck and dust running efficiently, thereby keeping the electricity consumption low. Most heavy duty cleaning can be done with the concentrated product, WATREET IC 10 which has an exceptionally long tank life. It does not produce any objectionable odours and is extremely economical.
3	<b><u>SALIENT FEATURES</u></b> Effective cleaner Easy to handle Safe
4	<b><u>ANALYTICAL DATA</u></b> Appearance : Brown liquid pH : Alkaline Specific Gravity : 1.0 to 1.1 @25C
5	<b><u>HANDLING INSTRUCTIONS</u></b> 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	<b><u>RECOMMENDED DOSAGE</u></b> <b>Air Handling Unit</b> Use aluminium cleaner WATREET IC-10 in a 1:5 ratio with low hardness water, at a temperature of 50 o C in a spray pot The Total volume should be sufficient to circulate completely in the system. Spray this liquid uniformly on an aluminium surface to be cleaned. Wait for 15 minutes. Again spray this solution on the same surface and finally wash the surface by spraying tap water only. The 1: 5 dilution is ideal for general cleaning. Still the function of cleaning will depend on the extent of dirt accumulated on the surface. Therefore depending upon the dirt the solution can be diluted accordingly. <b>Aluminium Piston Cleaning</b> WATREET IC 10 is to be used in a still or mechanically agitated hot tank. It can be used at a concentration of 250 –350 gms / lt and at a temperature of 75 O C. After sufficient soaking time in a hot tank (3 – 4 hours) the piston should be removed and rinsed at once. <b>Radiator Cleaning</b> Shut off the engine before using WATREET IC 10. Add 250 – 350 gms of WATREET IC 10 / lt. at a temperature of 75oC. If the radiator tubes are badly soiled, a circulation system needs to be used so as to reach all sections to be cleaned. If radiator tubes are not badly soiled, a still or mechanically agitated hot tank may be used. This is followed with a thorough rinse.

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<b>Doc No :</b>	PD-WT-Resclean2
<b>Rev No :</b>	0
<b>Product :</b>	WATREET
<b>Product Code :</b>	WT-Resclean2

**PRODUCT DATA SHEET**

1	<b><u>INFORMATION</u></b> Watreet Resclean 2-resin cleaner a formulation for cleaning ion exchange & softner resins fouled with
2	<b><u>DESCRIPTION</u></b> WATREET Resclean 2 resin cleaner is especially designed to remove bound iron from iron fouled resins. If allowed to accumulate, iron coats the resins beads and gradually reduces the exchange capacity of the resin. WATREET Resclean 2 used on a regular basis will ensure optimum exchange capacity.
3	<b><u>SALIENT FEATURES</u></b> Inhibits deposits Ready to used liquid Extends resin life Versatile application Safe to use Economical
4	<b><u>ANALYTICAL DATA</u></b> Appearance : Milky white pH : < 2 Specific Gravity : 0.95 – 1.05 @25C
5	<b><u>HANDLING INSTRUCTIONS</u></b> Keep the container closed when not in use. The product should not be swallowed And prolonged contact with skin should be avoided. Should it come in contact with the eyes flush with clean, cold water and get prompt medical attention.
6	<b><u>RECOMMENDED DOSAGE</u></b> Use 400 – 500 gms. of WATREET Resclean 2 per cubic feet of resin depending on the degree of fouling. WATREET Resclean 2 should be mixed with water before adding to the softener. Consult our Water Treatment Specialist for specific recommendations.