



(ISO 9001:2008 Company)

(Water & Waste Water Treatment Solution Company)



(ISO 9001 : 2008 Certified Company)

Company Profile

Welcome to Unistar Aquatech (P) Limited. is a part of the corporate group – Universal Technology, Registered as since 1997. Experience in the Water Treatment Field. Company has its Corporate Head Office at Delhi & Factory at Ghaziabad UP India. As an ISO 9001 : 2008 certified company . We are pleased to introduce ourselves as a company, focusing in the field of Water & Waste Water Treatment Solution , Filtration, Water Pollution control & Drinking Water Packaging Machines, Industrial RO Plant, Softener Plant . We are Manufacturing, Supplying Import & Export a wide range of Speciality along with various grade of Water Treatment Plants, Machine, & components. We nurture a team of highly qualified engineers and other professionals who have developed their expertise in designing, installation, commissioning, and after sales services of our high end technological water treatment systems. We have site experts who can handle the water and waste water treatment problems. . We provide Technical Support and Services to our valued Customers. Our systems are eco-friendly and are designed to remove unwanted, unpleasant and unhealthy solid or unseen impurities that may be present in industrial liquids or even in potable water supplies.

Our Certification



Some Our Clients



Associate With Us



UNISTAR AQUATECH (P) LIMITED

Phone :- 01122464644, 22022794, 22522594, Mob. 09811701883, 09212151883 Help Line : 08588881234

Email: delhi@unistaraquatech.com sales@unistaraquatech.com Web. www.unistaraquatech.com

Corporate Office: 1st Floor Jaina Complex, 3-A Veer Saverkar Block Shakarpur Vikas Marge Delhi92.

Factory: Plot 196 Rajender Nagar Industrial Area Mohan Nagar Ghaziabad UP



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RO Antiscalant (MT802)

DESCRIPTION:-

MT-802 is an low pH antiscalant for control scale precipitates and to reduce particulate fouling within membrane separation. This specific product ensures reduced operating and capital cost of RO, NF and UF system. It is suitable for tap water, brackish water and sea water containing high LSI, SDI, silica and fluoride feed water.

PRODUCT BENEFITS:-

- ❖ **Compatible with major manufacturer's RO, NF and UF membranes.**
- ❖ **Compatible with ANSI/ NSF standard 60 for potable water purification.**
- ❖ **Effectively controls scaling up to hardness level 2000 ppm, alkalinity level up to 700 ppm.**
- ❖ **Also controls high sulphates (calcium, Barium & strontium) level and high fluoride level.**
- ❖ **Sequest iron oxide and Aluminium hydroxide scaling.**
- ❖ **Effectively retarding polymerization and precipitation of silica in concentrate streams up to 350 ppm.**
- ❖ **Also suitable for feed water contains Aluminium/ iron oxides due to polymeric dispersant.**
- ❖ **Effective in feed water that range in pH from 3-13 and LSI +3.00.**

PRODUCT - VERSATILITY:-

MT-802 is an aqueous solution of carboxylate, phosphonates and multipolymer. This synergistic compound adsorbed on the growth sites of the scalants during crystallization and causes crystal to gel distorted. It has threshold effect to keep scales into solution and makes the solution highly over saturated. It also has dispersion ability by repelling two negative charged particles that makes the agglomeration of particles difficult. It also has high

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hydrolytic and halogen compound stability i.e. chlorine, bromine and peracetic acid under normal condition.

PROPERTIES:-

Appearance	:	Brownish / Pale Yellow
Specific Gravity	:	> 1.23
pH	:	3.0 ± 1.0

DOSING & FEEDING:- Dosing level 1-5 ppm and maximum upto 12 ppm subject to water quality limits to LSI+3.0, SDI- 5.0, silica- 350, iron-2.0, sulphates (Ca – 2500, Barium – 2.3 & Strontium – 125ppm) fluoride and Aluminium. Actual doses depend upon the specific plant operating conditions i.e. feed water salinity, temperature, conversion ratio and membrane selection.

MT-802 should be added prior to static mixture and cartridge filter housing. Antiscalant may be feed neat or diluted and maximum dilution is 10% for ambient temperature below 30°C with RO permeates or DI water. Compatible cationic coagulant/ flocculent should be used for pre-treatment for lower SDI control that facilitate higher recovery.

AFTER SALES - SERVICES:-

Unistar Aquatech (P) Limited provides technical assistance and suggest particular product, its dosage, in accordance with feed water quality operating condition and membrane selection. MSDS available upon request.

PACKING:-

10, 25, 35, 50 & 230 Ltr. food grade virgin HM/ HDPE Containers.

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