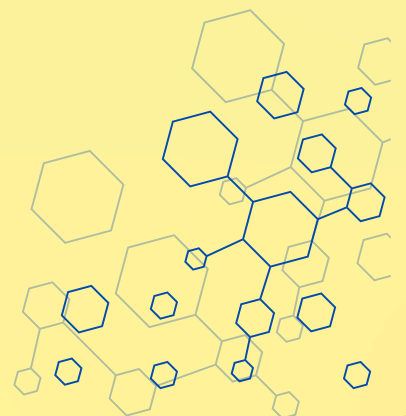


PARRYS INDUSTRIAL CHEMICALS

WATER TREATMENT CHEMICALS AND COMPONENTS
LAB INSTRUMENTS & CHEMICALS



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About US

Managed by qualified team of industry experts, we are effectively meeting the demands of water treatment chemicals & components. The offered product range includes Reverse osmosis chemicals, Sewage treatment chemicals, effluent treatment chemicals & industrial chemicals. These successfully meet the application demands of Mineral water industry, Engineering industry, Leather industry, Printing & Packaging industry, Pharmaceutical industry, Paint industry, Rubber industry & Textile industry etc.,







We have established certain benchmarks on which we test the quality of our chemicals, and only after satisfactory results, we dispatch our product range for customer's use.

We have excellent infrastructure and capacious warehouse, which helps us in meeting timely supplies of bulk consignments, ordered by our clients. The unparalleled support that we have received from our team, is also one of the most important reasons for our quality products.

Parrys Industrial Chemicals Our branch offices at Chennai, Thiruvallur also help us to effectively undertake as well as meet the specific chemical demands of our customers. We also have with us well developed warehouse facilities for promptly meeting the specific order demands of clients



OUR PRODUCTS

-  **RO ANTISCALANT**
-  **PH BOOSTER**
-  **CARTRIDGE FILTER**
-  **RO MEMBRANE CLEANING CHEMICALS**
-  **DRINKING WATER MINERALS**
-  **HOUSE KEEPING CHEMICALS**



1.RO ANTISCALANT

MBS 901

ANTISCALANT/ANTIFOULANT – MBS 901

MBS 901 is an excellent multi functional antiscalant/antifoulant for use in reverse osmosis, and nano filtration. It inhibits the formation and growth of silica, calcium carbonate, calcium sulphate, strontium sulphate, barium sulphate, calcium fluorides and metal oxides scales. It minimises or eliminates acid feed for scale control, also disperses metal ions and colloids thus improving system efficiency

Features:

- Suitable for Reverse Osmosis (RO) and Nano- Filtration (NF) membranes
- Compatible with all polyamide membranes
- Minimizes scaling and reduces the frequency of membrane cleaning
- Will reduce and usually replace the need for acid addition
- Allows high recovery rates

GENERAL PECIFICATIONS:

pH as such	:	<2
Specific Gravity	:	1.10 to 1.20
Appearance	:	pale yellow
Water solubility	:	Complete





MBS 1101

ANTISCALANT/ANTIFOULANT – MBS 1101

MBS 1101 is an excellent multi functional antiscalant/antifoulant for use in reverse osmosis, and nano filtration. It inhibits the formation and growth of silica, calcium carbonate, calcium sulphate, strontium sulphate, barium sulphate, calcium fluorides and metal oxides scales. It minimises or eliminates acid feed for scale control, also disperses metal ions and colloids thus improving system efficiency

Features:

- Suitable for Reverse Osmosis (RO) and Nano- Filtration (NF) membranes
- Compatible with all polyamide membranes
- Minimizes scaling and reduces the frequency of membrane cleaning
- Will reduce and usually replace the need for acid addition
- Allows high recovery rates

GENERAL PECIFICATIONS:

pH as such	:	4 to 6
Specific Gravity	:	1.2 + 0.2
Appearance	:	pale yellow or Brown color liquid
Water solubility	:	Complete



MBS 1201



ANTISCALANT/ANTIFOULANT – MBS 1201

MBS 1201 is an excellent multi functional antiscalant/antifoulant for use in reverse osmosis, and nano filtration. It inhibits the formation and growth of silica, calcium carbonate, calcium sulphate, strontium sulphate, barium sulphate, calcium fluorides and metal oxides scales. It minimises or eliminates acid feed for scale control, also disperses metal ions and colloids thus improving system efficiency

Features:

- Suitable for Reverse Osmosis (RO) and Nano- Filtration (NF) membranes
- Compatible with all polyamide membranes
- Minimizes scaling and reduces the frequency of membrane cleaning
- Will reduce and usually replace the need for acid addition
- Excellent Silica Antiscalant
- Allows high recovery rates

GENERAL PECIFICATIONS:

pH as such	:	< 2
Specific Gravity	:	1.2 + 0.2
Appearance	:	pale yellow or Brown color liquid
Water solubility	:	Complete



MBS 1501



ANTISCALANT/ANTIFOULANT MBS 1501

MBS 1501 is an excellent multi functional Antiscalant/antifoulant for use in reverse osmosis, and nano filtration. This concentrated poly phosphonate product is effective against a wide range of inorganic scaling species and also sequesters trivalent metal cations such as iron, manganese and aluminum thus reducing the frequency of membrane replacement and cleaning

Features:

- Suitable for Reverse Osmosis (RO) and Nano- Filtration (NF) membranes
- Effective at LSI up to +2.6
- Will reduce and usually replace the need for acid addition
- Compatible with all types of polyamide membrane
- Excellent in Silica Antiscalant and hardness
- Allows high recovery rates

GENERAL PECIFICATIONS:

pH as such	:	< 2
Specific Gravity	:	< 1.23
Appearance	:	pale yellow liquid
Water solubility	:	Complete



MBS 1701



ANTISCALANT/ANTIFOULANT MBS 1701

MBS 1701 is an excellent multi functional Antiscalant/antifoulant for use in reverse osmosis, and nano filtration. This concentrated poly phosphonate product is effective against a wide range of inorganic scaling species and also sequesters trivalent metal cations such as iron, manganese and aluminum thus reducing the frequency of membrane replacement and cleaning

Features:

- Suitable for Reverse Osmosis (RO) and Nano- Filtration (NF) membranes
- Excellent to control of microbiological growth of reverse osmosis systems
- Will reduce and usually replace the need for acid addition
- Compatible with all types of polyamide membrane
- Excellent threshold inhibitor and crystal distorter of alkaline earth metals
- Allows high recovery rates

GENERAL PECIFICATIONS:

pH as such	:	2 to 4
Specific Gravity	:	1.10 to 1.20
Appearance	:	pale yellow liquid
Water solubility	:	Complete



MBS 1011



ANTISCALANT/ANTIFOULANT MBS 1011

MBS 1011 is an excellent multi functional Antiscalant/antifoulant for use in reverse osmosis, and nano filtration. This concentrated poly phosphonate product is effective against a wide range of inorganic scaling species and also sequesters trivalent metal cations such as iron, manganese and aluminum thus reducing the frequency of membrane replacement and cleaning

Features:

- Suitable for Reverse Osmosis (RO) and Nano- Filtration (NF) membranes
- Will reduce and usually replace the need for acid addition
- Compatible with all types of polyamide membrane
- Excellent threshold inhibitor and crystal distorter of alkaline earth metals
- Allows high recovery rates

GENERAL SPECIFICATIONS:

pH as such	:	< 1.0
Specific Gravity	:	1.10 to 1.20
Appearance	:	white clear liquid
Water solubility	:	Complete



2. PH BOOSTER



MBS L120

ANTISCALANT/ANTIFOULANT MBS L120

MBS L120 is a specially designed of inorganic chemicals with high neutralizing capacities which increases the pH of the product water from the reverse osmosis system. The product is meant for portable application

Features:

- Suitable for Reverse Osmosis (RO) and Nano- Filtration (NF) membranes
- Will reduce and usually replace the need for acid addition
- Compatible with Raise the ph of water boosting alkalinity & neutralizing acidity
- Balances your body pH levels
- Makes your water alkaline water
- Maintain the taste in the permeate water
- Easy to use products environmental friendly features
- all types of polyamide membrane
- Excellent threshold inhibitor and crystal distorter of alkaline earth metals
- Allows high recovery rates

GENERAL PECIFICATIONS:

pH as such	:	>10
Specific Gravity	:	> 1.20
Appearance	:	colorless liquid
Water solubility	:	Complete



3. CARTRIDGE FILTER

➤ SPUN FILTER

➤ WOUND FILTER

1. SPUN FILTER

INCHES : 10" , 20" , 30" , 40"

DIAMETER: 2.5 , 4.0

2. WOUND FILTER

INCHES : 10" , 20" , 30" , 40"

DIAMETER: 2.5 , 4.0



4. RO MEMBRANE CLEANING CHEMICALS



MBS CL301

ALKALINE MEMBRANE CLEANER MBS CL301

MBS CL301 is a specially formulated cleaner for removing heavy metal fouling, bio-foulants, slime, polysilicic scales and other colloidal/particulate based foulants from reverse osmosis membranes. OCH CL 201 is also effective in removing calcium, silt, organics and metal sulfides.

Features:

- Highly effective & easy to handle concentrated liquid
- Effectively restores membrane performance deteriorated due to scaling
- Harsh on foul-ants but gentle on membranes



GENERAL PECIFICATIONS:

pH as such	:	> 11
Specific Gravity	:	NA
Appearance	:	colorless liquid
Water solubility	:	Complete

DIRECTION OF USE:

MBS CL301 should be fed in CIP tank to prepare solution for offline cleaning. The dosage and frequency of addition depends upon the severity of fouling/scaling, typical dosages are mentioned below:

Routine offline cleaning: MBS CL301 is normally recommended at a dose level of 2% solution to be circulated for one hour at low velocity followed by 1-2 hours soaking then one hour high velocity circulation and permeate flushing. It is used against calcium, metal oxides, bio-foulants and other foulants.

Typically it is recommended to be used before acidic or biocidal cleaning for better efficacy, however actual cleaning programme may vary and will be suggested by our OCH representative after carefully examining your system.



MBS CL302

ACIDIC MEMBRANE CLEANER MBS CL302

MBS CL302 is especially formulated for Removing Calcium Carbonate, Calcium Sulfate, Iron, Inorganic Scaling, Metal Hydroxides, Minerals, and Colloidal Material (Inorganic Type)

MBS CL302 is a stable, non-foaming, Surfactant-free, acid compound specifically designed for TF type RO membranes and membrane systems. It is effective on many types of common mineral scales associated with membrane fouling. It is effective at low temperatures up to 120°F.

Features:

- Highly effective & easy to handle concentrated liquid
- Effectively restores membrane performance deteriorated due to scaling
- Harsh on foul-ants but gentle on membranes

GENERAL SPECIFICATIONS:

pH as such	:	< 2
Specific Gravity	:	1.10 – 1.20
Appearance	:	colorless liquid
Water solubility	:	Complete



DIRECTION OF USE:

MBS CL302 should be fed in CIP tank to prepare solution for offline cleaning. The dosage and frequency of addition depends upon the severity of fouling/scaling, typical dosages are mentioned below:-

Routine offline cleaning: MBS CL302 is normally recommended at a dose level of 3-4% solution to be circulated for one hour at low velocity followed by 1-2 hours soaking then one hour high velocity circulation and permeate flushing. It is used against calcium, sulfates, hydroxides and other foulants.

Typically it is recommended to be used after alkaline or bio-tidal cleaning for better efficacy, however actual cleaning programme may vary and will be suggested by our MBS representative after carefully examining your system.



5. DRINKING WATER MINERALS

SODIUM CARBONATE – FOOD GARDE

Sodium Carbonate of CAS No. 497-19-8 (also known as washing soda, soda ash and soda crystals) is the inorganic compound with the formula Na_2CO_3 and its various hydrates. All forms are white, water-soluble salts. All forms have a strongly alkaline taste and give moderately alkaline solutions in water.

Features:

- Alkaline in nature.
- Natural buffer.
- Act as disinfectant.
- It is basically a food grade chemical.
- Easy to use and handling

SODIUM BI CARBONATE – FOOD GARDE

Sodium bicarbonate or Sodium hydrogen carbonate of CAS No.144-55-8, is a chemical compound with chemical formula NaHCO_3 . Sodium bicarbonate is a white color solid that is crystalline in nature also appears as a fine powder. It is alkaline in nature and resembles washing soda. It can be administered to pools, spas, and garden ponds to enhance the pH levels. It serves to be a disinfectant.

Features:

- Alkaline in nature.
- Natural buffer.
- Act as disinfectant.
- It is basically a food grade chemical.
- Easy to use and handling.



SODIUM HYDROXIDE – FOOD GARDE

Sodium hydroxide is used to manufacture many everyday products, such as paper, aluminum, commercial drain and oven cleaners, and soap and detergents.

Sodium hydroxide is used in several food processing applications, such as curing foods like olives or helping to brown Bavarian-style pretzels, giving them their characteristic crunch. Sodium hydroxide is used to remove skins from tomatoes, potatoes and other fruits and vegetables for canning and also as an ingredient in food preservatives that help prevent mold and bacteria from growing in food.

- Features:**
- Alkaline in nature.
 - Natural buffer.
 - Act as disinfectant.
 - It is basically a food grade chemical.
 - Easy to use and handling.

MAGNESIUM SULFATE – FOOD GARDE

Magnesium sulfate commonly called as Mag-sulfa is an inorganic chemical compound that contains magnesium, sulfur and oxygen, having chemical formula as $MgSO_4$. It is most commonly found in the form of $MgSO_4 \cdot 7H_2O$ which is also called Epsom. It is used as a nutrient additives, firming agent and flavor enhancer. It serves to be a fermentation aid in the processing of beer and malt beverages. Additionally it exhibit as a nutrient used primarily in salt-replaces products, dietary supplements, carbonated diet soft drink beverages, sports drinks and fortified water beverages.

- Features:**
- Serves to be nutrient additives.
 - A good firming agent.
 - Used as a processing aids in beverages.

Potassium Bicarbonate

Used as a processing aids in beverages

Potassium Bicarbonate or potassium hydrogen carbonate is a colorless, odorless, slightly basic salt. Potassium bicarbonate is rarely found in its natural form kaliginite. It is used as a mineral for drinking water. It manifests itself as an antacid and electrolyte replenishes and also serves to be an alternative potassium supplement. It is used in foods as a leavening agent and a nutrient supplement especially for infant formulations. Additionally it exhibit as a processing aid in extruded foods, Foaming and fizzing agent in instant beverages. It accomplishes as a color preservative in the food industries.



6. HOUSE KEEPING CHEMICALS



SOAP OIL



DETERGENT LIQUID



FLOOR WASH



AFTER WASH (COMFORT)



DISH WASH



TOILET CLEANER



HAND WASH



PHENYLE CONCENTRATE



TILES CLEANER





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