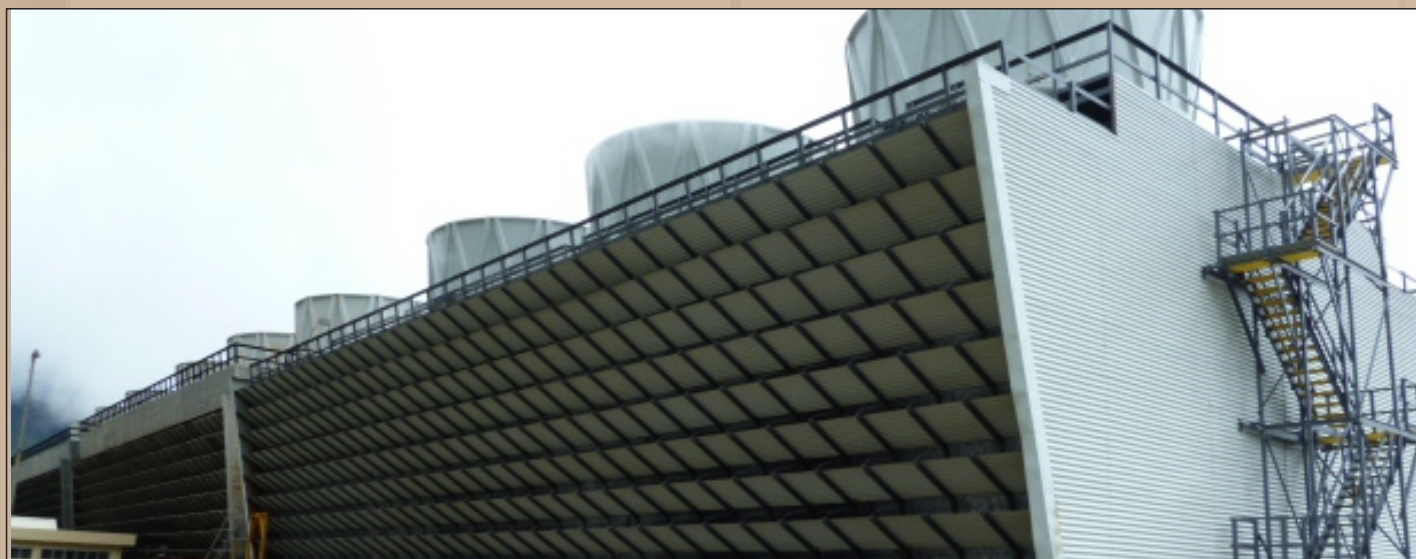




WATER TREATMENT CHEMICALS



Company Introduction

We at Newtech Chemicals & Wincure Chemicals Pvt Ltd. are into Manufacturing & Supply of High-Quality Water Treatment Chemicals – for RO WATER TREATMENT, COOLING WATER TREATMENT, BOILER WATER TREATMENT. With having years of experience in Water Treatment Industry we have become Trusted Partners to many companies across India. Our mission is to help our clients improve their Water Treatment processes, increase efficiency and reduce costs / expenses. We offer a wide range of Water Treatment Chemicals like Antiscalant, Membrane Cleaning Chemicals, Disinfectants, Corrosion Inhibitor, Alkinity Reducers, Biocide, Microbicide, pH Booster etc. with other specialty chemicals. We maintain high quality and safety standards. All of our products are manufactured in compliance with international quality standards. We use only the best raw material to ensure quality products. Our team of experienced professionals is always on hand to provide technical support and assistance to our clients. At Newtech Chemicals we believe in building long-term relationships with our clients based on trust & integrity. We are committed to provide best services to our customer.

NEWTECH CHEMICALS
WINCURE CHEMICALS PVT. LTD.



WHAT ARE WATER TREATMENT CHEMICALS?

Water Treatment Chemicals: Let's have a brief introduction on what has made us rely on water treatment chemicals. Contemporarily, the demand for Safe and Fresh Water is consistently rising, owing to satisfy the human needs and to support the industrial Activities. With the increasing urbanization and economic development, the current water supply is unlikely to satisfy the ever growing demands. Hence, the Chemical Industry uses the innovative ways of water treatment in order to make water acceptable for end-use, such as drinking, cooking, irrigation and industrial purpose to name a few. The water treatment methods use four basic processes that include RO - Water Purification, Cooling Water Treatment, Boiler Water Treatment, and Treatment of Waste Water Effluent. The substances that are removed during the water treatment process are Suspended Solids, Viruses, Fungi, Bacteria, Algae, and minerals. The process involves both physical and chemical methods. The chemical used in this process are called WATER

TYPES OF CHEMICALS

RO WATER TREATMENT CHEMICALS

RO Water Treatment Chemicals are used in reverse osmosis water treatment to prevent fouling, scaling, and corrosion of the membrane. They include Antiscalants Membrane Cleaners etc

COOLING WATER TREATMENT CHEMICALS

Cooling Water Treatment Chemicals are used to prevent scaling corrosion and algae formation in cooling towers. These Chemicals includes Antiscalant Alkalinity Reducers Corrosion Inhibitor & various Biocides.

BOILER WATER TREATMENT CHEMICALS

Boiler Water Treatment Chemicals are used to prevent Scaling & Corrosion in Boilers. It includes Antiscalants Corrosion Inhibitor , Oxygen Scavenger, pH Boosters



RO WATER TREATMENT CHEMICALS



NEWTECH : 1031 - ANTISCALANT

DESCRIPTION



Newtech-1031 Antiscalant is a blend of organophosphonate, polyphosphate, maleic and acrylic terpolymer hence prevents the precipitating of scale forming salt and heavy metals. Newtech-1031 is designed to increase the solubility nature of scale forming ions like Calcium carbonate, Calcium Phosphate, Calcium Fluoride, Silica, heavy metals, Magnesium sulphate and other Magnesium ions hence your heart of RO systems i.e. the membranes are free of scale and your membranes are capable to work for a longer life with reduced operating cost.

FEATURES AND ADVANTAGES:

Newtech-1031 Antiscalant ingredients acrylic polymer and maleic polymer which helps in keeping scale forming particles into soluble form which can easily be removed out from reject water. It is applicable for all Raw water TDS up to 2000 ppm, hardness up to 500 ppm and alkalinity up to 750 ppm. It contains silica sequester so inhibits silica up to 250 ppm. Newtech-1031 E is totally food grade chemical so it is totally suitable for drinking water.

WEIGHT CAPACITY 10KG I 20KG I 25KG I 50KG

NEWTECH : 1033 - MEMBRANE CLEANING CHEMICAL (ACIDIC)

DESCRIPTION:

Newtech-1033 Membrane Cleaning Chemical(ACIDIC) is a blend of various organic acids, surfactant hence able to dissolve the scale forming salt. Newtech-1033 Membrane Cleaning Chemical is designed to dissolve scale forming ions like Calcium carbonate, Calcium Phosphate, Calcium Fluoride, Silica, Magnesium sulphate and other Magnesium ions hence your heart of RO systems i.e. the membranes are free of scale. The formulation of this product is designed such that it reacts only with the scale not to the membrane material. It does not react with the membrane material.

FEATURES AND ADVANTAGES:

Newtech-1033 Membrane Cleaning Chemical(ACIDIC) is highly effective and totally safe chemical which reacts with all types of deposits. The Newtech-1033 Membrane Cleaning Chemical is used in combination with Newtech-1033 Membrane Cleaning Chemical which is an alkaline membrane cleaning chemical helps to remove colloidal, biological and organic fouling. This product is suitable for an elevated temperature range and pH~2.

WEIGHT CAPACITY 10KG I 20KG I 25KG I 50KG

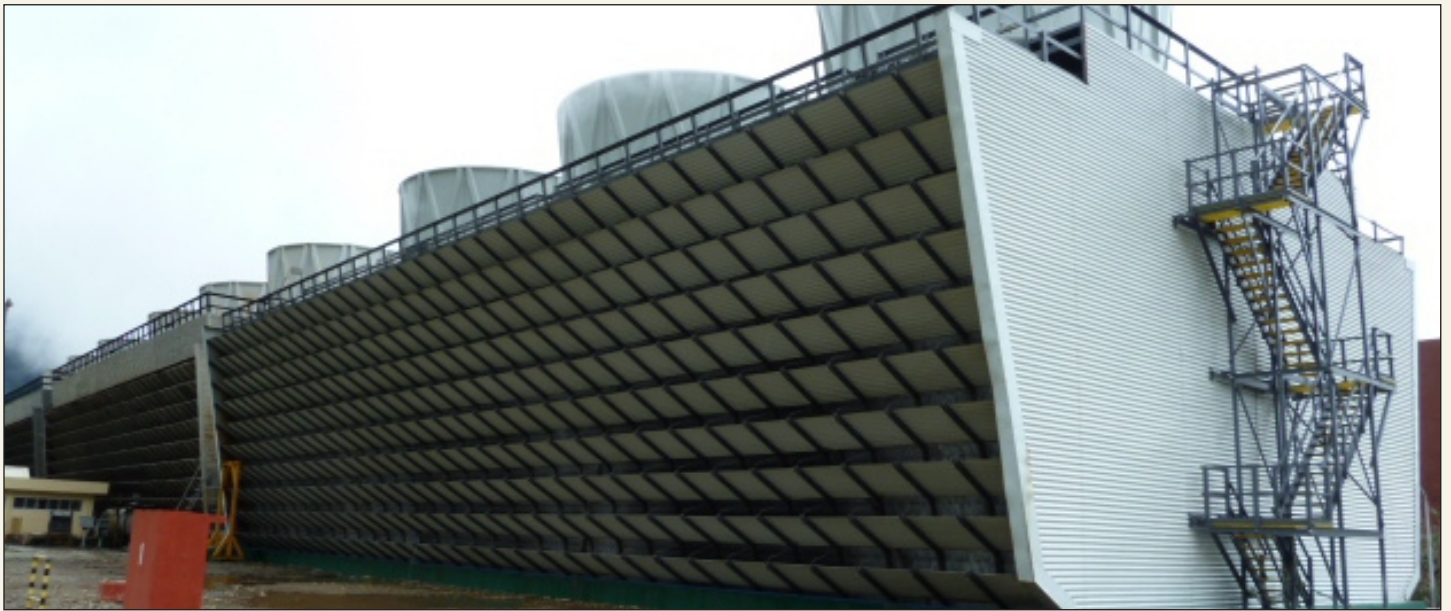
NEWTECH : 1034 - MEMBRANE CLEANING CHEMICAL (ALKALINE)

DESCRIPTION

Newtech-1034 Membrane Cleaning Chemicals (Alkaline) dissolve silica, oils, waxes, metallic fines and dirt. The formulation of this product is designed such that it reacts only with fatty acids, oils, scale-forming silica particles and other alkaline-soluble particles only, not with the membrane material.

FEATURES AND ADVANTAGES:

Newtech-1034 Membrane Cleaning Chemicals (Alkaline) is highly effective and totally safe chemical which reacts with all types of deposits. The Newtech-1034 is used in combination with Newtech-1034 which is an acidic membrane cleaning chemical helps to remove carbonate deposits. This product is suitable for an elevated temperature range and pH~12.



COOLING WATER TREATMENT CHEMICALS

NEWTECH : 1011 - ANTISCALANT

DESCRIPTION:

Newtech-1011 Antiscalant is a blend of organophosphonate, long chain phosphate polymer and low molecular weight polymer. It prevents the formation of scale forming salt. Newtech-1011 is designed to increase the solubility nature of hardness forming ions like Calcium carbonate, Calcium phosphate, Calcium Fluoride, Silica, Magnesium sulphate and other Magnesium ions hence your system is capable to work in higher cycle of concentration with minimum drain of water.



FEATURES AND ADVANTAGES:

Newtech-1011 Antiscalant Inhibitor ingredients orthophosphate polymer which helps in keeping scale forming particle into soluble form. Newtech-1011 has acidic in nature so prevents the use of various hazardous acids. Newtech-1011 has completely biodegradable formulation hence discharge in water bodies after proper treatment.

NEWTECH : 1012 - ALKALINITY REDUCER

DESCRIPTION:

Newtech-1012 Alkalinity Reducer is a blend of suitable acids (Organic & Inorganic) which maintains your alkalinity and pH level so that your cooling tower pH is maintained between 7.0-9.0. It prevents the formation of scale forming salt. Newtech-1012 is designed to increase the solubility nature of hardness forming ions like Calcium carbonate, Calcium phosphate, Calcium Fluoride, Silica, Magnesium sulphate and other Magnesium ions hence on the time of drain these scale forming ions easily removed from your system.

FEATURES AND ADVANTAGES:

Newtech-1012 Alkalinity Reducer is ingredients various acids with corrosion Inhibitor which helps in keeping scale forming particle into soluble form. Newtech-1012 has acidic in nature so prevents the use of various hazardous acids. Newtech-1012 has completely biodegradable formulation hence discharge in water bodies after proper treatment.

NEWTECH : 1013 - ANTISCALANT /CORROSION INHIBITOR

DESCRIPTION:

Newtech - 1011 Antiscalant / Corrosion Inhibitor is a blend of organophosphonate, long chain phosphate polymer and low molecular weight polymer. It prevent the formation of scale forming salt. newtech - 1011 is designed to increase the solubility natur of hardness forming ions like Calcium carbonate, Calcium phosphate, Calcium Fluoride, Silica Magnesium sulphate and othe Magnesium ions hence your system is capable to work in higher cycle of concentration with minimum drain of water.

FEATURES AND ADVANTAGES:

Newtech - 1011 Antiscalant/Corrosion Inhibitor ingredient orthophosphate polymer which helps in keeping scale forming particle into soluble form. Newtech - 1011 has acidic in nature so prevents the use of various hazardous acids. Newtech - 1011 has completely biodegradable formulation hence discharge in water bodies after proper treatment.

NEWTECH : 1015 - BIOCID

DESCRIPTION:

Microbiological growth is undesirable because it interfeares in cooling and influx in circulation water that cause fouling and corrosion in the system, It is lethal to vast array of organism including bacteria, fungi & algae growth in the cooling system.

FEATURES AND ADVANTAGES

Product are specially formulated to prevent undesired Microorganism and effective even low concentration and compatible to other Newtech Series Chemicals. Effectively Controls algae, bacteria and slime forming organisms. It can work under wide range of pH and is effective at higher temperature Application also. Non-corrosive and does not effect any part of equipment. It is highly effective over a wide range of microbial species. It also controls the growth of sulphur reducing bacteria i.e. Desulphovibrio desulphuricans & NRB. These bacteria grow in the absence of oxygen usually found where water is in a in the cooling system.

NEWTECH : 1017 - MICROBIOCIDE

DESCRIPTION:

Microbiological growth is undesirable because it interferes in cooling and influx oxygen in circulation water that cause fouling and corrodion in the system. Newtech range of micro biocides effectively Control bacteria, fungi & algae and slim growth in the cooling system. It is to most organic and inorganic compounds.

FEATURES AND ADVANTAGES

Product are specially formulated to prevent wide range of microorganism and effective even low concentration and compatible to other Newtech Series Chemicals. Effectively controls algae, bacteria and slime forming organisms. It is highly effective over a wide range of microbial species. It also controls the growth of SRB. These bacteria grow in the absence of oxygen usually found where water is in a stagnant state in ponds and swimming pools.

NEWTECH : 1018 - MICROBIOCIDE

DESCRIPTION:

Microbiological growth is undesirable because it interferes in cooling and influx oxygen in circulation water that cause fouling and corrosion in the system, Newtech range of micro biocides effectively Control bacteria, fungi & algae and slim growth in the cooling. It is to most Organic and inorganic compounds.

FEATURES AND ADVANTAGES

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BOILER WATER TREATMENT CHEMICALS

Primary function of a boiler is to transfer heat into water until it becomes hot or turns to steam. Boiler feed water often contains impurities, which impair boiler operation and efficiency. Therefore to improve feed water quality and steam purity Pretreatment and Chemical Treatment of the water is very important. To ensure boiler systems are correctly maintained and operate at optimum efficiency it is essential to carefully select the formulation. Our comprehensive range of high performance formulations have been scientifically formulated to deliver significant operational benefits and performance improvements. Our extensive range of formulated boiler water treatment chemicals help to minimize Scale Formation, Metallic Corrosion and Sludge Deposition. This helps to increase efficiency, reduce fuel consumption, decrease operating and maintenance costs and extend equipment lifetime. The three types of boiler chemicals that can be used for boiler water treatment purposes include **Antiscalant**, **pH Booster** and **Oxygen Scavenger**. To ensure that such boiler systems are correctly maintained and operate at optimum efficiency it is essential that the correct boiler water conditions are maintained at all times. This can be achieved by dosing selected boiler water treatment chemicals into the feed water.

NEWTECH : 1021 - ANTISCALANT



DESCRIPTION:

Newtech-1021 Antiscalant is a blend of organophosphonate, long chain phosphate polymer and low molecular weight polymer. It prevents the formation of scale forming salt. Newtech-1021 is designed to increase the solubility nature of hardness forming ions like Calcium carbonate, Calcium phosphate, Calcium Fluoride, Silica, Magnesium sulphate and other Magnesium ions hence your system is capable to work in higher cycle of concentration.

FEATURES AND ADVANTAGES:

Newtech-1021 ingredients orthophosphate polymer which helps in keeping scale forming particle into soluble form. Newtech-1021 has alkaline in nature so increases the pH in feed water quality which is helpful for boiler.

NEWTECH : 1023 - pH BOOSTER

DESCRIPTION:

Newtech-1023 pH Booster is a blend of various natural amine base chemical that prevents the corrosion and protect by direct neutralization of carbon dioxide. It is compatible with other boiler treatment chemicals and due to its liquid form it is easy to handle and feed.

NEWTECH : 1025 - OXYGEN SCAVENGER

DESCRIPTION:

Newtech - 1025 Oxygen Scavenger is DEHA and Hydrazine based oxygen scavenger newtech ideal solution to prevent corrosion in boiler due to oxygen reaction with metal. corrosion increase the safety risk factor and unwanted maintenance cost, It is comatible with other boiler treatment chemicals and due to its liquid form it is easy to handle and feed.

NEWTECH LIST OF CLIENTS





NEWTECH CHEMICALS
WINCURE CHEMICALS PVT.LTD

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