



23 Years Of Experience



# UNICHEM CHEMICAL INDUSTRIES

AN ISO 9001:2015 CERTIFIED COMPANY

Speciality Chemicals For Energy & Environment

## UNICHEM CHEMICAL INDUSTRIES

UNICHEM offers products and solution in energy and environment to industrial establishment in all over India.

UNICHEM expertise in water Treatment, Sugar Processing and Combustion Engineering. This enables accurate analysis of your problems, precise solutions and products for each application.

UNICHEM brings to customers a good service network of sales and service with well trained staffed. Our staff and dealers are graced to cater to the needs of our customers across the India.

## QUALITY & ECONOMY

UNICHEM Continuously strives to upgrade the quality of its products by providing superior products in its category to the customer.

UNICHEM Continuously striving for synergy between the quality, economy, safety and environmental objective thereby creates a healthy corporate culture. Material safety data sheet (MSDS)/Test report provided along with each supply.

## OUR PRODUCTS RANGE

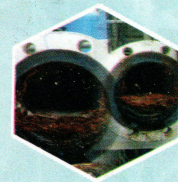
- Boiler water treatment chemicals.
- Cooling water treatment chemicals.
- Fireside cleaning compound.
- Reverse osmosis chemicals.
- Speciality sugar chemicals.
- Distilleries / Oil Field chemicals.
- Paper products.

## BOILER WATER TREATMENT CHEMICALS.

### ANTISCALENT / SLUDGE CONDISHNER

UNICHEM - 3276 / UNICHEM - 3220

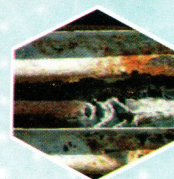
Highly effective antiscalent prevent scale formation and powerful corrosion inhibitors help protect acidic corrosion for your system and improving heat transfer, reducing failures & shutdowns.



### OXYGEN SCAVENGER

UNICHEM - 3210 / UNICHEM - 3225 HB

Catalysed oxygen scavengers remove oxygen instantly thereby controlling oxygen related corrosion.



### ALKALINITY BUILDER

UNICHEM - 3230 is a P<sup>H</sup> booster used for boiler feed water to remove oxidation & prevent corrosion.

### FILMING AMINE TREATMENT

UNICHEM - 3240 / UNICHEM - 3245 filming amine is a cost effective and reliable formulation for boiler water treatment. A single product treatment alternative of phosphate treatment. This formulation also cleans metal surfaces corrosion has already taken place.

### MULTI PURPOSE BOILER TREATMENT CHEMICALS

UNICHEM - 3223 is a multi purpose boiler water treatment chemicals for low & medium pressure boilers. This chemical is used to remove desolved oxygen from boiler feed water & sludge conditioner. This polymeric product light divided particles, which are non adherent and can be easily removed with blow down, which is also reducing fuel costs.

### DESCALING AGENT

UNICHEM - 3250 mainly used in descaling in compressor of D.G.sets, A.C. plants compressor boiler tube lines, heat exchanger & economizers. In our chemicals use of corrosive inhibitors is to be made under correct condition to protect the boiler equipments and pipelines and there is no side effect on metal parts.

## COOLING WATER TREATMENT CHEMICALS

Cooling water for industries, if untreated can cause severe problem of corrosion, scaling in coolers, condensers and other equipments on the cooling water side.

**UNICHEM** provides wide range of cooling water, chemicals, **UNICHEM - 3355 / 3322** are formulated to suit the requirement of make up water quality, it contain powerful dispersants and penetrants to keep the cooling water circuit clean.

**UNICHEM - 3331 / 3381** broad spectrum micro-bioside and anti foulant for controls bacterial and algal growth in cooling system.



## SUGAR PROCESSING CHEMICALS

UNICHEM offers a range of speciality sugar chemicals. Our range includes organic and inorganic anti-scalents, biocides and sugar juice coagulants.

Product Name	Application	Characteristics
UNICHEM - 3418	Evaporater Anti Scalent	Organophosphonate & LMW polymer
UNICHEM - 3424	Viscosity Reducer	Sulfosuccinate Sulfoester
UNICHEM - 3410	Mill Sanitation Biocide	Q.A.C. (B.K.C.-50%) base
UNICHEM - 3489	Mill Sanitation Biocide	S.D.M.D.C. BASE
UNICHEM - 3499	Defoaming Agent	Silicon Base
UNICHEM - 3497	Defoaming Agent	Non Silicon Base
UNICHEM - 3451	Colour Precipitant	





## FIRESIDE CHEMICAL COMPOUND

**UNICHEM-FS-20/ UNICHEM-FS** is designed for the fireside cleaning of combustion deposits in boilers or any thermic fluid heater installation. During operation, sooting, clinker and other combustion deposits are a common problem with such units, These deposits adhere to the heat transfer surface resulting in reduced heat transfer efficiency. As a result, the boiler or heater generates higher stack temperature, this necessitates periodic manual cleaning which in most cases, is not perfect, is time consuming and does not reach every parts of the boiler or heater.

**UNICHEM-FS-20/UNICHEM-FS** is an excellent fireside chemical compound. It contains dispersants, corrosion inhibitors, oxidising agents and combustion catalyst.



### OUR MISSION

We are a performance chemicals company with a national presence. We believe in customer partnership and customer delight by providing solutions to customer problems. We want to be technology and market leaders in every business that we are in.

## REVERSE OSMOSIS CHEMICAL

**UNICHEM 3291/3292** range of Antiscalants reduces membrane scaling of fouling tendencies, giving sustained performance reducing unscheduled shutdowns and cleaning costs, It also disperses silt, and colloidal particles and acts as iron sequester thereby reduces iron fouling



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(AN ISO 9001:2015 CERTIFIED COMPANY)

Correspondence Add. : 127/546, W-1, Saket Nagar, Kanpur.

Factory : Industrial Area, Oriyara, Kanpur.

enquiry@unichemchemicalindustries.com

e-mail : unichemchemicalindustries@gmail.com

website : www.unichemchemicalindustries.com

Mobile : (+91)- 9415051283, 7088848885

