

# INDION®

## Speciality Chemical Treatment Programmes

### Complement your water treatment plants for optimum water management

Ion Exchange (India) Ltd. offers a complete range of speciality, customised chemical treatment programmes to complement engineered water treatment and provide optimum plant performance. Our INDION range of chemical treatment covers diverse applications such as cooling & boiler water treatment and fireside treatment programme as well as speciality chemicals.

Our highly trained engineers conduct in-depth surveys of your plant and system requirements, closely monitor the treatment programmes and regularly evaluate results to make required adjustments for optimum benefit.

#### INDION® Cooling Water Treatment



We offer a broad range of environmentally safe INDION products to treat open recirculating cooling water systems. INDION corrosion and scale inhibitors control

corrosion, scaling and fouling over a variety of water quality and system conditions. Our various biodegradable biocides control growth of algae, fungi & bacteria.

- Corrosion inhibitors
- Scale inhibitors/Dispersants
- Biodispersants
- Oil dispersants
- Silica inhibitors
- Iron specific dispersants
- Oxidising biocides
- Non-oxidising biocides/Algaecides
- Multi-functional products

#### Closed Circuit Corrosion & Scale Inhibitors

A complete range of INDION corrosion inhibitors to control impingement & general corrosion.

- Engine cooling systems
- Hot water systems
- Chilled water systems
- Furnace cooling systems

#### Once-through Circulation Systems

We offer non-polluting INDION chemicals that improve cooling efficiency of systems.

- FDA-approved potable water treatment
- Metal sequestrants
- Corrosion inhibitors
- Scale retardants
- Antifoulants-dispersants

#### INDION® Boiler Water Treatment

We offer a wide range of boiler water chemical solutions for low, medium and high pressure boilers to prevent deposits and corrosion in pre-boiler, boiler and post-boiler systems.



Our unique DEHA based oxygen scavengers offer superior protection against corrosion even in condensate lines.

- Phosphate treatment programme
- Carbonate treatment programme
- Chelant programme
- Closed system treatment
- Electric boiler treatment
- Sludge conditioners
- Anti-foamers
- Oxygen scavengers

Complete condensate line treatment programmes solve specific corrosion problems:

- Filming amines
- Neutralising amines
- Combination of filming & neutralising amines

#### INDION® Fireside Treatment

We offer energy-saving fuel additives that are vital for any combustion system treatment programme.



- Water emulsifier / Sludge dispersants
- Combustion catalysts
- Slag/Corrosion control agents

- Residual fuel oil additives
- Multi-purpose fuel oil additives
- Multi-purpose solid fuel additives
- Coal dust suppressants
- Coal flow enhancers
- Stack emission control

### **INDFLOC® Flocculants**

- Raw water treatment
- Paper making
- Oil field
- Chloralkali
- Steel
- Effluent treatment
- Mineral processing
- Sugar
- Asbestos

### **INDION® Easytest Kits**



Specially designed for on-the-spot analysis of make-up water, boiler water and cooling water, without a trained chemist.

- Total hardness
- Alkalinity
- Calcium hardness
- Chloride

- Iron
- Sulphites
- TDS, and many more
- Phosphate
- Silica

### **INDION® Antiscalants & Membrane Cleaning Chemicals**

- Eliminate scaling & fouling of reverse osmosis membranes
- Dispersal of suspended solids & colloids
- Removes biofoulants, organics, metal oxides/hydroxides & other colloidal/particulate based foulants

### **Activated Carbon**

- Granular, powder & extrudate forms
- Low leachability products for effective reduction of oil, organics, decolourising and deodourising.



**We also offer a range of speciality INDION sugar & paper process chemicals.**

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice. Please contact our regional/branch offices for current product specifications.

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