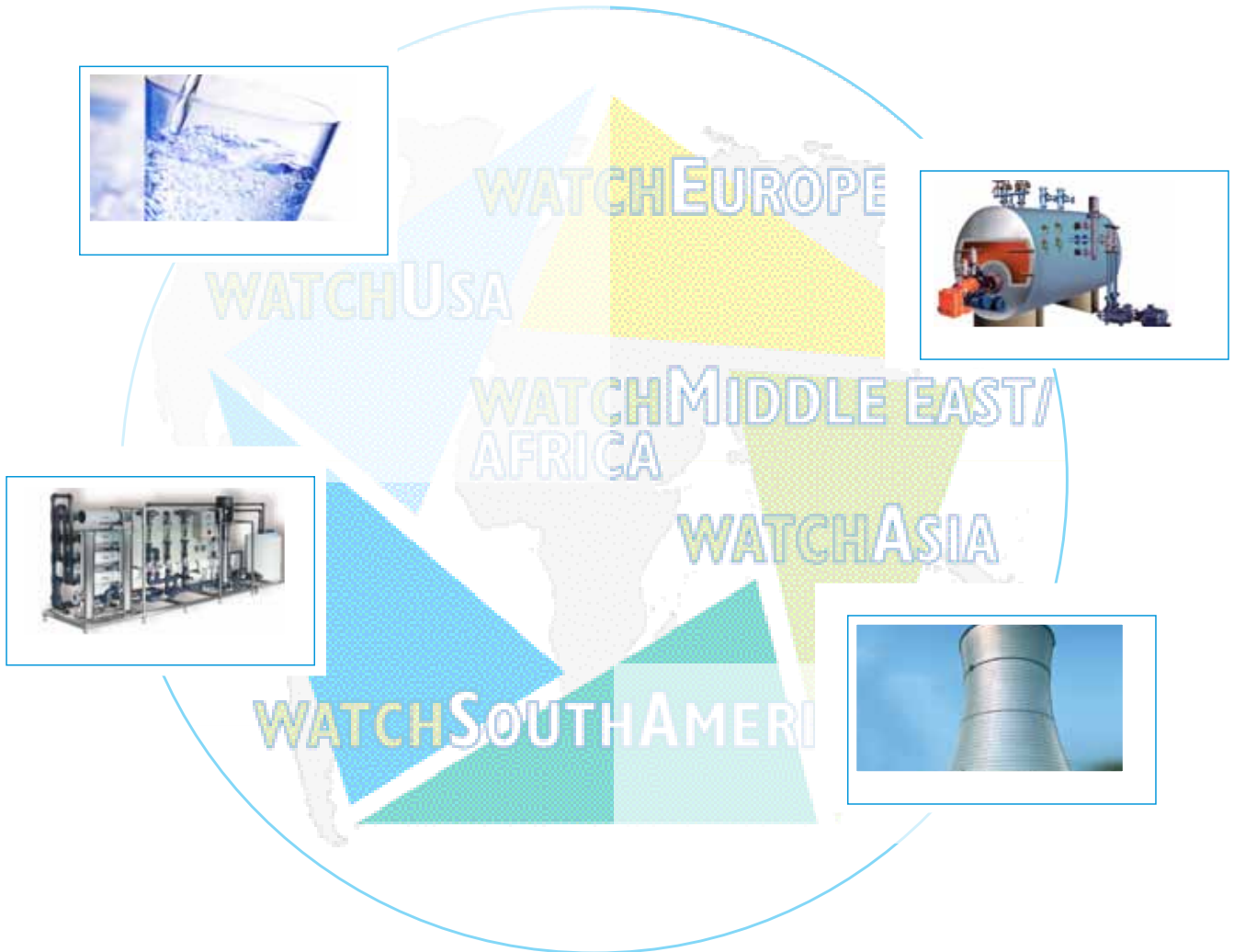


Softening, Scale & Corrosion, Dispersants

Oxygen Scavengers, Biocides & Flocculants with



ENVIRODOS®

GREEN - Chemical Technology

Products for
Drinking Water
Boiler Water
Cooling Water
Membrane Technology
Waste Water Chemicals



Welcome

About us

WATCH® WATER treatment Professionals here recently developed the first GREEN, biodegradable, biorenewable, earth and human friendly water treatment closing chemicals for treating Drinking Water, Boiler and Hot Water, Cooling Water, Membrane treatment and cleaners. The ENVIRODOS® Productline contains, softening, scale corrosion inhibitors, oxygen scavenger, biocides and different clean up materials. In addition to being GREEN, these products increase cycles of concentration in water treatment systems and can reduce energy and water costs by up to 85% and more. In addition ENVIRODOS® are capable of running systems at zero blow down and zero liquid discharge.

Companies using ENVIRODOS® products can now go GREEN, reduce costs, increase efficiencies, eliminate hazardous discharge, phosphates, NTA, EDTA and many more harmful chemicals. 98% of industrial water used worldwide is water for Boilers, Cooling and Membrane technology. WATCHWATER GREEN PRODUCTS can now reduce that usage by over 85% with GREEN, environmentally safe materials, we don't use these following, most common substances like:

Environmentally hazardous substances

Phosphorous (including phosphates and phosphonates) used as a hardness stabilizers in water treatment products. Phosphorous is a major cause of "eutrophication" in water systems. Phosphorous is a particular concern in the whole world.

NTA (Nitrilotriacetic acid)- a possibly carcinogenic builder that requires the use of carcinogens and toxic substances in its production. It also re-mobilise heavy metals in aquatic environments.

With this Technology into the next Decade ...

ALL ABOVE CHEMICALS ARE NOT BIODEGRADABLE WDS (Watch Dosing Softener) used for all our compositions is very strong substitute for phosphates, NTA and EDTA in water treatment formulations. Furthermore WDS show an excellent performance at dissolving organic and inorganic scale. WDS is readily biodegradable according to standard OECD tests. Due to the superb ecological and toxicological profile. WDS is particularly suitable for use in products for end-consumers. Several such products containing WDS have been awarded ECOLABELS.





Type	NR.	Application
ENVIRODOS® 1	100 OR WDS	Hardness Stabilization, Scale prevention of softening from 0°dH up to 40°dH. Phosphate free-100% Biodegradable.
ENVIRODOS® 2	200	Special Corrosion Inhibitor & Dispersant: Bio-Dispersants for a better efficiency of biocide dispersants to prevent fouling and sedimentation treatments.
ENVIRODOS® 3	300	Oxygen scavenger from 12,5 up to 200 °C effective for steam and hot water systems with softened water and up to 200 °C for steam systems in the food industry.
ENVIRODOS® 4	400	Oxygen scavenger for steam systems and hot water systems with demineralized feed water. Very high pressure boilers and steam phase up to 600 °C. Based on polyamines and volatile amines.
ENVIRODOS® 5	500	Non oxydizing biocide for the control of bacteria, fungi, algae and approved for all applications (Biocides for preventive and curative treatments) - Award-winning technology. Approved biocides against Legionella pneumophila.
ENVIRODOS® 6	600	Oxydizing biocide for the rapid microbiocidal effect and quick decomposition after use in all possible applications.
ENVIRODOS® 7	700	Green Acid for the removal of scale, metal oxides, deposits, oil mud, compatible with steel, stainless steel, galvanized steel, copper alloys and aluminium. Bestseller in the market for cleaning.
ENVIRODOS® 8	800	Flocculants/coagulants for the preparation of make-up water, optimisation of all closing chemicals.
ENVIRODOS® 9	900	Antifoames & Defoamers

Using ENVIRODOS®

Benefit of your Water Systems

- Improvement of your process performance
- Environmentally friendly treatment, no Phosphates, NTA or EDTA
- Reduction of chemicals consumption and water costs
- Reduction of make-up water and maximisation of water reuse
- Single pack, multi component mixture
- Ease of application, only one dosing point is necessary

Water is lifeblood of industry.

It provides process cooling, hot water or steam, fire protection and portable water for human health and well being.

Open systems evaporate cooling water and use a large amount of raw makeup water. These systems absorb gases from the atmosphere and allow bacteria to grow. Particulates are scrubbed from the air and can accumulate on heat transfer surfaced. This can result in corrosion and biological problems to develop within the cooling water system. These problems can reduce colling water efficiency, cause unscheduled shut-down, loss of production and expensive equipment repair.

Closed cooling water systems are not as susceptible to scale and deposit formation but are prone to both corrosion and biological problems. Some of the problems that can develop in are loss heating and cooling capacities of HVAC systems, reduction in engine and/or diesels efficiency and plugging of small orifice heat transfer tubing.

Boiler water systems provide steam for infinite number of task: heating, process usage, driving engines or turbines. The water chemistry must be controlled to prevent scale buildup on boiler tubes and provide quality condensate return to the boiler water system.

Plant water systems can incompass pretreatment conditioning that involves the removal or reduction of undesirable characteristics of the water. The major process includes clarification, filtration, hardness reduction, ion exchange and membrane systems. These water become the source for: boiler water, makeup water for cooling water systems, both open recirculating and closed cooling waters and potable water. We are experienced in the chemical treatment philosphies and operational aspects of these water systems

GREEN CHEMICAL TECHNOLOGY

WATCH WATER TECHNOLOGY



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