

MAR 2024

CREST

CLIMATE RESILIENT ENGINEERING SYSTEMS & TECHNOLOGIES



INFORMATION BROCHURE

01

CREST AN INTRODUCTION

WHAT CREST IS ALL ABOUT?

The future of water is resilient. We engineer solutions that adapt to our changing climate, ensuring clean water for generations to come

Our world is facing a water crisis. Climate change disrupts rainfall patterns, intensifies droughts and floods, and threatens water security. Here at Zymetree, we believe in a future where clean water is accessible to all.

We focus on climate-resilient engineering systems and technologies for water and wastewater treatment. Our innovative solutions address the challenges of a changing climate, ensuring a reliable supply of clean water and responsible management of wastewater. We combine cutting-edge technologies with sustainable practices to create a future where water is a resource, not a risk.

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REVOLUTIONIZING WATER TREATMENT WITH INNOVATION AND SUSTAINABILITY

Welcome to the forefront of water treatment excellence. With a commitment to innovation and sustainability ZYMETREE TECH & TRADE presents a comprehensive range of water treatment chemicals. Our state-of-the-art manufacturing facility ensures the highest quality standards, meeting the diverse needs of industries worldwide.

CHOOSE ZYMETREAT AND EXPERIENCE THE DIFFERENCE

- Unmatched efficacy: Tackle tough water issues with our high-performance formulas.
- Eco-conscious solutions: Minimize your environmental impact with our sustainable and biodegradable products.
- Cost-effective options: Enjoy competitive pricing without compromising quality.
- Industry expertise: Benefit from our team's vast knowledge and personalized support.
- Reliable partnership: Count on consistent quality and timely deliveries.

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LIST OF PRODUCTS



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- Zymetreat PM (**pH Modifier**)
- Zymetreat AS (**Antiscalant**)
- Zymetreat DS (**Descalant**)
- Zymetreat MB (**Microbiocide**)
- Zymetreat CI (**Corrosion Inhibitor**)
- Zymetreat AO (**Antioxident / Oxygen Scavenger**)
- Nano Silver Hydrogen Peroxide
- Swimming Pool Chemicals
- Cooling Water Chemicals
- RO Chemicals
- Boiler Water Chemicals
- Special Purpose Cleaning Chemicals

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COOLING WATER TREATMENT CHEMICALS

Ensure Peak Performance: Cooling Water Treatment Solutions



Protect your critical equipment and optimize cooling system efficiency with our comprehensive line of cooling water treatment chemicals. Untreated cooling water leads to costly problems like corrosion, scaling, and biological growth. These issues reduce heat transfer, increase downtime, and shorten equipment life. Let us help you achieve reliable cooling, reduced maintenance costs, and extended equipment life.

Our tailored chemical programs prevent these concerns, maximizing system performance and energy savings.

We offer:

- Zymetreat PM-C01 (pH Modifier)
- Zymetreat AS-C01 (Antiscalant)
- Zymetreat DS-C01 (Descalant)
- Zymetreat MB-C01 (Microbiocide)
- Zymetreat MB-C02 (Bio-Dispersant)
- Zymetreat CI-C01 (Corrosion Inhibitor)

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REVERSE OSMOSIS CHEMICALS

Unlock the Power of Pure Water: Reverse Osmosis (RO) Chemicals



Achieve exceptional water quality and optimize your reverse osmosis (RO) system performance with our comprehensive line of RO chemicals. Traditional water contains impurities like dissolved salts, minerals, and organic matter. RO membranes act as a barrier, allowing only purified water to pass through, leaving contaminants behind.

By using our RO chemicals, you can ensure consistent production of high-purity water, extend membrane life, and minimize downtime for maintenance. Let us help you achieve superior water quality and maximize the return on your RO system investment.

However, over time, these contaminants can accumulate on the membrane surface, reducing efficiency and requiring costly replacements.

We offer:

- Zymetreat PM-R01 (pH Modifier)
- Zymetreat AS-R01 (Antiscalant)
- Zymetreat DS-R01 (Descalant)
- Zymetreat MB-R01 (Microbiocide)
- Zymetreat MB-R02 (Bio-Dispersant)
- Zymetreat CI-R01 (Corrosion Inhibitor)
- Zymetreat SP-R01 (Membrane Cleaner Acidic)
- Zymetreat SP-R02 (Membrane Cleaner Alkalic)
- Zymetreat SP-R03 (Organic Cleaner)

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BOILER WATER CHEMICALS

Safeguard Your Steam: Effective Boiler Water Treatment Solutions

Ensure the safe and efficient operation of your boiler system with our proven boiler water treatment chemicals. Hard water and impurities can wreak havoc on boilers, causing corrosion, scale buildup, and foaming. These issues compromise boiler efficiency, increase maintenance costs, and pose safety risks. Our comprehensive boiler water treatment program utilizes targeted chemicals to:

- Prevent corrosion: Protect your boiler tubes and extend equipment life.
- Control scale: Eliminate mineral deposits that impede heat transfer and reduce energy consumption.
- Minimize foaming: Maintain proper water levels and prevent carryover of boiler water into the steam system.

Experience the benefits of clean and reliable boiler operation. Our treatment programs are customized to your specific boiler type and operating conditions. Let us help you optimize boiler performance, ensure steam quality, and achieve peace of mind.

We offer:

- Zymetreat PM-B01 (pH Modifier)
- Zymetreat AS-B01 (Antiscalant)
- Zymetreat DS-B01 (Descalant)
- Zymetreat MB-B01 (Microbiocide)
- Zymetreat MB-B02 (Bio-Dispersant)
- Zymetreat CI-B01 (Corrosion Inhibitor)
- Zymetreat SP-B01 (Membrane Cleaner Acidic)
- Zymetreat SP-B02 (Membrane Cleaner Alkalic)
- Zymetreat SP-B03 (Organic Cleaner)



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SPECIAL CLEANING CHEMICALS

Elevate Your Clean: Introducing Specialized Cleaning Solutions

Tired of one-size-fits-all cleaning products that leave surfaces dull and battles grime half-won? At Zymetree, we understand that professional cleaning demands powerful, targeted solutions.

We're proud to introduce our line of specialized cleaning chemicals, formulated to tackle your toughest cleaning challenges. From heavy-duty degreasers to delicate fabric refreshers, our products deliver exceptional results while remaining safe for your surfaces and employees.

Discover a new level of clean with Zymetreat. Let's make spotless a reality.

We offer:

- Zymetreat CL 01 (Multipurpose Cleaner)
- Zymetreat CL 02 (Membrane Cleaner)
- Zymetreat CL 03 (Metal Surface Cleaner)
- Zymetreat CL 04 (Ceramic Surface Cleaner)
- Zymetreat CL 05 (Degreaser)
- Zymetreat CL 06 (Vessel Cleaner)
- Zymetreat CL 07 (Salt Stain Remover)
- Zymetreat CL 08 (Fabric Cleaner)
- Zymetreat CL 09 (Floor Cleaner)
- Zymetreat CL 10 (Handwash)



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STP/ETP CHEMICALS

Clean Water, Optimized Performance: Your Partner in Sustainable Wastewater Treatment

Effective wastewater treatment is essential for protecting our environment and ensuring industrial compliance. At Zymetree, we understand the complexities of Sewage Treatment Plants (STPs) and Effluent Treatment Plants (ETPs). That's why we offer a comprehensive range of high-performance cleaning chemicals and biocultures specifically designed to optimize your wastewater treatment processes.

Our powerful yet eco-friendly cleaning chemicals target and remove pollutants, scaling, and organic matter, ensuring efficient system operation. Our biocultures, formulated with targeted microorganisms, accelerate the biodegradation of organic contaminants, enhancing treatment efficacy. We are committed to providing solutions that deliver exceptional performance while promoting environmental responsibility. Let us help you achieve cleaner water and optimized plant performance.

We offer:

- Zymetreat MG 01 (pH Boosters)
- Zymetreat MG 02 (Disinfectant)
- Zymetreat MG 03 (Polyelectrolyte)
- Zymetreat MG 04 (Flocculants)
- Zymetreat MG 05 (Coagulants)
- Zymetreat MG 06 (Defoaming Agents)
- Zymetreat MG 07 (Filtration Aid)
- Zymetreat MG 08 (Deodorant Agents)
- Zymetreat MG 09 (Decolorants)
- ZymeMagic STP/ETP Aerobic/Anaerobic Bioculture



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GREEN CHEMICALS

Reimagine Chemistry: Sustainable Solutions for Your Business



The landscape of specialty chemicals is evolving. Today's businesses are increasingly seeking environmentally-friendly solutions that deliver high performance without compromising on results. Green chemistry represents this shift, offering a powerful approach to responsible manufacturing.

At Zymetree, we're proud to champion green chemistry principles. We develop and provide specialty chemicals formulated with sustainable practices in mind. Imagine reducing your environmental footprint while achieving optimal results. Our green chemistry solutions can help you operate more sustainably, gain a competitive edge, and contribute to a healthier planet.

We offer:

- Algalant (Green Antiscalant)
- Zymetreat NC (Green Coagulant & Flocculent)
- Zymetreat DF (Green Defoamers)
- Zymetreat CL - 01G (Green Multipurpose Cleaner)
- Zymetreat CL - 08G (Green Detergent)
- Zymetreat CL - 09G (Green Floor Cleaner)
- Zymetreat CL - 10G (Green Handwash)
- Zymetreat GA (Green Acid)
- Zymetreat GP (Green Phenyl)

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IMPROVE

Integrated Microbial & Phyto-Remediation of Various Effluents



IMPROVE technology works by using a combination of physical, chemical, and biological processes to remove pollutants from wastewater.

This technology is an extended and advanced version of constructed wetland systems. This can be used to treat Sewage and Industrial Effluent Water as well.

We offer:

- STP using IMPROVE Technology
- ETP using IMPROVE Technology

MEMBRANE BIO-REACTOR

Strained for space? MBR technology offers a revolutionary solution for municipalities and industries seeking a more efficient, compact, and sustainable approach to wastewater treatment.

Membrane Bioreactors (MBRs) is a cutting-edge technology that combines biological treatment with advanced membrane filtration.

We offer:

- MBR - STP
- MBR - ETP

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ADVANTAGES

- Superior Performance: Our chemicals deliver exceptional results, ensuring efficient water treatment processes.
- Environmentally Friendly: We prioritize eco-conscious practices, offering products that are safe and sustainable.
- Cost-Effective Solutions: Our chemicals are designed for optimal efficiency, saving you both time and money.
- Customized Formulations: Tailored to your specific requirements, our products guarantee maximum effectiveness.
- Expert Technical Support: Our team of experts provides unparalleled support, ensuring seamless integration and operation.

Experience the difference with **Zymetreat**, setting the standard in water treatment excellence.

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