



INSTANT OXYDES-P

POWERFUL OXIDIZER FOR MICROBIOLOGICAL OXIDATION

Introduction

Watch Water[®] presents– A new methodology of **Green Chemistry** that has several advantages over the Salt Generator.

OXYDES^{®-P} reacts with added sodium chloride (NaCl) salts to create chlorine, a very strong Sanitizer that removes any additional contaminants found in water.

Watch Water's inexpensive reagents and the use of H₂O as a sole solvent, reaction at the room temperature (not higher than 90°C) and short reaction time to kill any microbiological contamination via Electrochemical reaction.

No other saltwater chlorine system can create this particular oxidizer



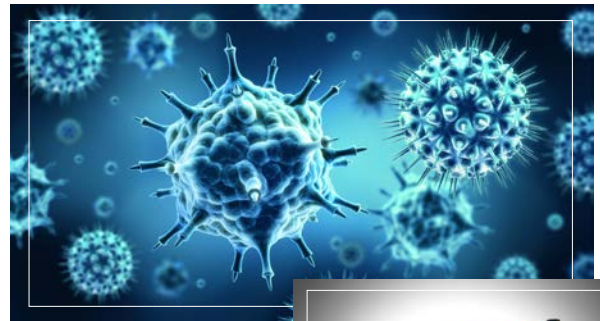
Efficient



Economical



Environmental



APPLICATIONS/ FEATURES

Oxidation reaction promoted by **OXYDES**^{®-P} has several advantageous characteristics.

- Aromatic Aldehydes
- Disinfection
- Control of Microorganisms
- Removal of ammonia
- Control of taste and odor
- Color reduction
- Destruction of Organic Matter
- Hydrogen Sulfide Oxidation
- Iron and Manganese oxidation
- Pool and Spa application
- Cooling Tower shock-treatment
- Oxidizing Antimicrobials
- Other uses and effects of OXYDES-P



INSTANT OXYDES-P

Active OXYDES-P

- ❑ The term **OXYDES[®]-P** is used to describe a **Powerful Oxidizer** ($\bullet\text{OH}$) derived from normal salt and water ($\text{NaCl} + \text{H}_2\text{O}$) and it is very much different from producing Oxygen (O_2) derived from Hydrogen peroxide (H_2O_2).
- ❑ The **OXYDES[®]-P** creates high energy into the water which breaks apart water molecules. Without the **OXYDES[®]-P** there is not enough energy to split apart water and create strong Oxidizer.
- ❑ This process mentioned as “**Powerful Oxidation**”, can be used to disinfect water and wastewater in any industry. Food and beverage industries have been waiting for this process for generations.
- ❑ The benefits of **OXYDES[®]-P** is that it disinfect organics and inorganics completely with very high levels of Oxygen, leaving behind Carbon dioxide (CO_2) and Water (H_2O). It does not leave behind any kind of chloramines or other disinfection by-products (DBPs) that can cause and strong smell.
- ❑ If the water smells bad, many odors like sulfur, sulfides and chlorine is the cause. These odors can be removed by **Catalytic Carbon** and can be regenerated with **OXYDES[®]-P**.

Disposal

OXYDES[®]-P 1% solution can be easily disposed into any sewage.

Beware of fake products

Disclaimer: The information and recommendation in this publication are true and based on data we believe to be reliable. They are offered in good faith but do not imply any warranty, liability or performance guarantee. Specifications are subject to change without notice. Watch Water[®] will not be liable under any circumstance for consequential or incidental damages, including but not limited to, lost profits resulting from the use of our products.

Technical Specifications

Physical Form	Solid Granulate
Colour	White
Odor	Weak, product specific
Flash point	Not flammable, decomposes over 85°C
Bulk density	ca. 1150 - 1400 kg/m ³
pH	2.3 - 2.5 (in 1% solution)
Solubility in water at 20°C	>200 g/l

Usage

- The **OXYDES[®]-P** can be used for regeneration of normal Activated Carbon media.
- If the water doesn't have sufficient ORP (Oxidation Reduction Potential) to oxidize the contaminants. **OXYDES[®]-P** helps to keep the media surface clean and could be used during backwash

Product Shelf Life

Store in cool, humidity-controlled conditions, shelf life is two years from the date of manufacture. Container must be tightly resealed to preserve stainless integrity of powder.

Attention: Not for human consumption. Keep away from children's reach.