Generates Chlorine in Water containing CHLORIDE IONS

Without Expensive Electrolysis of NaCl

Watch-Water® presents –
A new methodology of Green Chemistry that has several Advantages over the Salt Generators.

On the next page we will discuss the operation of Salt Generators. It is a well known fact that creation of Hydrochloric Acid makes the treated drinking water very Corrosive.

Watch-Water® 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.

Oxidation reaction promoted by OXYDES®-P has several advantageous characteristics.

Oxidation of contaminants using OXYDES®-P

- 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
Active OXYDES®-P

- OXYDES®-P is a term used to describe a Powerful Oxidizer (•OH) derived from normal salt and water (NaCl + H₂O) and it is very much different from producing Oxygen (O₂) derived from Hydrogen peroxide (H₂O₂).

- 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.

...no other salt water chlorine system can create this particular 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 disinfects organics and inorganics completely with very high levels of Oxygen, leaving behind Carbon dioxide (CO₂) and Water (H₂O). It does not leave behind any kind of chloramines or other disinfection byproducts (DBPs) that can cause Cancer and strong smell.

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

More benefits with added I-SOFT® DESCALER

<table>
<thead>
<tr>
<th>Specification</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
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<td>solid state powder</td>
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<td>Color</td>
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<tr>
<td>Particle size</td>
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<tr>
<td>pH (@ xx mg/L)</td>
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www.watchwater.de