

# Commercial Cleaning Products & Technologies

## LOTUS® PRO



## VIKING PURE®



## ORBIO® 5000-SC



## TENNANT® EC-H2O



## GEN-EON TECHNOLOGIES



## ACTIVEION



|   |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
| <b>TECHNOLOGY AND SOLUTION</b>            | <b>AQUEOUS OZONE:</b><br>Tap water is saturated with ozone which wipes out pathogens and contaminants through oxydization. Reverts to water and oxygen.<br><br>Cleaner/Sanitizer in one bottle | <b>ELECTROLYZED WATER:</b><br>Salt water with low-voltage electricity creates two cleaning agents. Sodium ions are converted into sodium hydroxide, an alkaline liquid that cleans and degreases. Chloride ions become hypochlorous acid, also known as acid water.<br><br>Cleaner/Disinfectant are in separate bottles | <b>ELECTROLYZED WATER:</b><br>Salt water with low-voltage electricity creates two cleaning agents. Sodium ions are converted into sodium hydroxide, an alkaline liquid that cleans.<br><br>Cleaner Only | <b>IONIZED BUBBLES:</b> Water flows through a cell that applies a slight electrical charge. An ion exchange membrane creates positively and negatively charged nano-bubble cleaning agents.<br><br>Cleaner Only | <b>ELECTROCHEMICAL ACTIVATION:</b> Produced by the electrolysis of ordinary tap water containing dissolved sodium chloride producing a solution of sodium hypochlorite, which is the most common ingredient in store-bought household bleach.<br><br>works by increasing the surface tension of soils (instead of decreasing them like a surfactant)<br><br>Cleaner/Disinfectant | <b>IONIZED BUBBLES:</b> Water flows through a cell that applies a slight electrical charge. An ion exchange membrane creates positively and negatively charged nano-bubble cleaning agents.<br><br>Cleaner Only |
| <b>SENSOR/NOTIFICATION SYSTEMS</b>        | Visible built in sensors to notify that water has been charged   | Visible built in sensors to notify that solution is ready   | Sensor Alerts for softener and filter   | Visible built in sensors to notify that unit has power to cell.   | Visible built in sensors to notify that water has been charged   | Visible built in sensors to notify that unit has power to cell.   |
| <b>CERTIFICATIONS AND APPROVALS</b>       | TURI 50/50<br>EPA<br>FDA<br>OSHA<br>USDA<br>TUV SUD  | EPA<br>FDA<br>OSHA<br>USDA  | NSF<br>NFSI<br>TURI 46/50<br>TUV SUD  | NSF International<br>NFSI National Floor Safety Institute   | FDA<br>USDA<br><br>The disinfectant is tested to EN 1276 and conforms to the European Biocides directive.  | EPA<br>• DIS/TSS 17 (When used as directed)<br>TURI<br>• Did not pass all testing   |
| <b>KILLS MOLD AND MILDEW</b>              | Yes  | Yes   | No  | No  | Yes  | No  |
| <b>DEODORIZES</b>                         | Yes  | No  | No  | No  | No   | No  |
| <b>DEGREASER</b>                          | Yes  | Yes   | No  | No  | No   | No  |
| <b>RESIDUE FREE</b>                       | Yes  | No  | No  | No  | No   | Yes   |
| <b>CHEMICAL FREE</b>                      | Yes  | No  | No  | No  | No   | Yes   |
| <b>USAGE</b>                              | All types of surfaces, including food and food surfaces.   | Smooth floors and large smooth surface areas  | Smooth floors and large smooth surface areas  | Smooth floors and large smooth surface areas  | Glass, floor and hard surface cleaner.   | Glass, stainless steel & other smooth surfaces. Also carpets.   |
| <b>EFFECTIVENESS</b>                      | Up to 99.999% kill rate MRSA, H1N1, E. Coli and Staph. 50% stronger than bleach 50-50 rating by TURI   | Hypochorous acid is available for purchase by the bottle.<br><br>Mixed accidentally with other products there is a potential of creating toxic gases/solutions.   | No kill rates. 46/50 rating by TURI   | Kärcher states Tennant technology not effective.<br><br>Tennant had to retract claims about effectiveness.  | Register for Biocidal Products under number 13666.<br><br>Says it doesn't REQUIRE additional chemicals to be 100% effective -later on they'll tell you that there are 6 or 8 additives available to help it perform faster.  | Eliminates 99.9%* of harmful germs including H1N1 and E. coli. (*When used as directed)<br><br>TURI states Activeion technology not effective removing soils  |
| <b>SIZE RELATION AND CARBON FOOTPRINT</b> | 20" X 14" X 7"<br>10 lbs<br>Small carbon footprint   | 18"x15"x6"<br>38 lbs<br>Large carbon footprint - dispose by product   | 46" X 70" X 36"<br>375 lbs (empty)<br>1450 (filled)<br>Large lbs carbon footprint - dispose acidic by product   | T5 53" X 23" X 44"<br>580 lbs<br>Small carbon footprint   | 550 ml spray bottle,<br>1100ml filling jug<br>Small carbon footprint   | 13" Height<br>4.3 lbs<br>Small carbon footprint   |



Approved. Proven. Powerful.

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