

AWC[®] D-303

Aqueous Solution of Chlorine Dioxide

ADVANTAGES

- Liquid oxidizing microbicide for inhibiting slime formation in membrane systems and a variety of water treatment applications
- Effectively penetrates existing biofilms even at elevated pH
- Does not react with ammonia or amines
- May be used in conjunction with chloramines without impacting their stability
- Formulated to be used in direct contact with Reverse Osmosis, Nanofiltration and Ultrafiltration membranes
- Certified by NSF to NSF/ANSI Standard 60

TYPICAL PROPERTIES

Appearance	Yellow-green liquid
Odor	Sharp, pungent odor
Solubility in water	Complete
pH (as is) @ 25°C	≤ 5
Specific Gravity	1.0

PACKAGING

5 gallon pails, 55 gallon non-returnable plastic drums, 275 gallon totes.

SAFETY & HANDLING

Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if swallowed, absorbed through the skin, or inhaled. Wash thoroughly with soap and water after handling, and before eating or drinking.

CHEMICAL FEEDING AND CONTROL

Add 0.1 – 0.5 ppm of chlorine dioxide continuously into the Reverse Osmosis or Ultrafiltration System. It is recommended that dosage be monitored using a chlorine dioxide sensor or potentiostatic analyzer. Do not use in conjunction with sodium metabisulfite or any other reducing agents, as they will deactivate this product. Always ensure there is no detectable sulfite residual ahead of the injection point.

