



BioGuard ISO™ is a membrane safe non-oxidizing biocide for industrial applications. Capable of controlling bacteria, fungi, and algae BioGuard ISO is ideal for non-potable water systems plagued by high microbiological material accumulation within the membrane system.

### Features / Benefits

- Slow kill - 4 to 12 hours
- Controls bacteria, fungi and algae
- Broken down by excess sodium bisulfite, but not at typical RO conditions (<15ppm)

### Uses

- Used online at 5-15 ppm
- Control of bacteria, algae and fungi in membrane systems

### Specifications

Appearance	Clear to light green liquid
pH	2.00 - 4.00
Density (kg/liter)	1.00 - 1.10

### Packaging

Pail: 5 gallon/18.9 liter

Tote: 275 gallon/1,040 liter

Drum: 55 gallon/208 liter

Bulk: available upon request

*For special packaging options, please contact PWT or your local distributor.*

**BioGuard ISO™**  
LIQUID BIOCIDES

# BioGuard ISO™

LIQUID BIOCIDES

## General Mixing & Application Instructions for BioGuard ISO™

1. Feed production neat from shipping container
2. Typical dose rates are: 5.0 - 15.0 mg/l, continuous
3. Can be fed as shock treatment
4. Call Professional Water Technologies™ or your local distributor for custom chemical dosing recommendation.

## ProDose XPRT™ – Scaling Prediction Software

ProDose XPRT™ uses the most accurate scaling prediction calculations available to accurately determine effective antiscalant dosage, and cleaning chemical usage. The user can enter multiple cases to study various operating conditions, directly enter concentrate analysis, and select the best PWT product and dosage for the application.

*ProDose XPRT™ is available upon request only. Please contact your PWT representative for more information.*

PWT ProDose

**PWT**

UNITS: US | TEMPERATURE: Fahrenheit | PERMEATE FLOW: 81.00 | RECOVERY: 75.0% | ANTISCALANT: SpectraGuard Liquid | DOSAGE: 2.95 PPM | SOURCE: Well Water | PROJECT NAME: Project 1 | CASE: 1

**PROJECT INFORMATION**

WATER QUALITY

SYSTEM INFORMATION

CHEMICAL SELECTION

CALCULATIONS

REPORT

**OVERVIEW**

CLIENT NAME: City of San Diego

PROJECT NAME: Project 1

LOCATION:

PREPARED BY:

DATE: 5/1/2016

WATER TYPE: Well Water

**MEASUREMENTS**

PRESET UNITS: CGS | Metric | U.S.

TEMPERATURE: Deg F

FLOW RATES: Gal/min

MASS UNITS: lb

Enter

**TOTAL CASES (1 AVAILABLE)** Max 9

Cases	Modified Date
1	5/27/2016

Selected Case Description