

## BIO-SAN

### BIODEGRADABLE QUATERNARY AMMONIUM DISINFECTANT

**BIO-SAN** is a quaternary based disinfectant, Ecologo certified. It is very effective on a wide variety of microorganisms and not harmful to metals or other materials.

**BIO-SAN** is effective against:

- Enterococcus faecalis - Vancomycin Resistant
- Escherichia coli
- Pseudomonas aeruginosa
- Pseudomonas cepacia
- Salmonella choleraesuis
- Staphylococcus aureus
- Staphylococcus aureus - Multidrug resistant
- Trichophyton mentagrophytes

DIN 02309920

### FEATURES AND BENEFITS

- Ecologo certified UL-2794 Disinfectants and Disinfectant Cleaners
- Neutral pH
- Readily biodegradable
- 100% water soluble
- Highly effective on a wide variety of microorganisms
- Does not damage metals and other materials.
- Unaffected by changes in pH



### DIRECTIONS FOR USE

Equipment to be cleaned	Premises and equipment in agricultural and horticultural industry and equipment and premises in food processing industry.
Use procedure	Thoroughly clean the surface prior to disinfection. Apply by manual spray or immersion. Prepare a fresh solution before each use.
Concentration	0.7% (7 ml/litre of water). Can be used with a dilution system, at a ratio of 1:150.
Temperature	Between 15 and 60°C.
Dwell time/Operation time	10 minutes.
Rinsing	Remove excess liquid. All food contact surfaces must be thoroughly rinsed with potable water.

# BIO-SAN BIODEGRADABLE QUATERNARY AMMONIUM DISINFECTANT

## PHYSICAL PROPERTIES

Appearance	Clear, colorless liquid
Odour	Faint detergent
Specific gravity @ 20 °C	0.99
Viscosity	<10 cps
pH	6-7
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Chlorine	None
Boiling point	100°C
Freezing point	Not available
Foaming tendency	Moderate
Concentration monitoring techniques	Refractive index
Rinsing	Excellent

## INCOMPATIBILITY

Strong oxidizers

## WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place

## AVAILABLE SIZES

			
<b>4 X 4L</b>	<b>20L</b>		



## IMPORTANT

Before using **BIO-SAN**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

## FIRST AID MEASURES

### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

### Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

### Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

## PERSONAL PROTECTION



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