

### BIO-LOGIC



UL-2794  
Disinfectant

DIN 02309920

Food and beverage  
industry accepted

**BIO-SAN** is an environmentally friendly, Ecologo certified quat-based disinfectant.

### FEATURES and BENEFITS

- Ecologo certified
- Neutral pH
- Readily biodegradable
- 100% water soluble
- Highly effective on a wide variety of micro organisms such as bacteria, yeast and mold.
- Does not damage metals and other materials.
- Unaffected by changes in pH

### DIRECTIONS FOR USE

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



# BIO-SAN

## QUATERNARY AMMONIUM DISINFECTANT

### PHYSICAL PROPERTIES

Appearance	Clear colourless liquid
Odour	Detergent
Specific gravity @ 20°C	0.99
Viscosity	Thin
pH	6 - 7
Water solubility	Complete
Phosphorus	None
Chlorine	None
Boiling point	100°C
Freezing point	N/A
Flash point (TTC)	None
Concentration monitoring techniques	Titration, refractive index
Auto ignition temperature	None
Foaming tendency	Moderate
Rinsing	Excellent

### INCOMPATIBILITY

Soap and anionic detergents

### WAREHOUSING PRECAUTIONS

Avoid freezing

### FIRST AID MEASURES

#### EYE CONTACT

Wash with plenty of water for 15 minutes.

#### SKIN CONTACT

Wash with soap and water.

#### INHALATION

Not applicable

#### INGESTION

Do not induce vomiting. Drink plenty of water and contact physician.

### HEALTH

1

### FLAMMABILITY

0

### REACTIVITY

0

#### LEGEND

0 = MINIMAL RISK  
1 = SLIGHT RISK  
2 = MODERATE RISK  
3 = SERIOUS RISK  
4 = SEVERE RISK

### PERSONAL PROTECTION Security equipment



WHMIS



**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 material safety data sheet (M.S.D.S.).