

FOOD INDUSTRY



BIOGUARD is a free-rinsing, high foaming peroxyacetic acid-based liquid sanitizer. This unique product offers many advantages over conventional quaternary ammonium and chlorine. There is no cell resistance build-up as associated with quats, is not as sensitive to organic or hard water conditions, and will not corrode stainless steel like chlorine. Furthermore, **BIOGUARD** is effective against a wide spectrum of microorganisms, and is one of the most effective sanitizers on the market.

- High foaming acidic liquid
- Strong oxidizer
- Low viscosity
- Biodegradable
- Highly efficient
- No cell resistance build-up
- Control of a broad spectrum of microorganisms
- Removes biofilms

DIRECTION FOR USE

DO NOT STORE WITH FOOD PRODUCTS



Equipment to be treated	Food processing equipment surfaces. Evaporator pasteuriser, ceiling, wall, floor.
Use procedure	Manually remove a maximum of soil. Clean with an adequate detergent solution then rinse with potable water. Spray, soak, foam or flood BIOGUARD .
Concentration	<p>Surfaces in contact with food: Between 0.12% and 0.3% (5mL to 12mL / 4 litre of water) (75 PPM to 200 PPM).</p> <p>All surfaces should be exposed to sanitizing solution for a period of at least 60 seconds. Drain thoroughly and rinse with potable water.</p> <p>For shock treatment (500 PPM to 1000 PPM) 0.8% to 1.6% (8 to 16ml/litre of water). Must be rinsed with potable water.</p>
Temperature	Between 4°C to 40°C (39°F to 105°F)

BIOGUARD

HIGH FOAMING PEROXYACETIC ACID-BASED SANITIZER

PHYSICAL PROPERTIES

Appearance	Clear colorless liquid
Odour	Pungent vinegar
Specific gravity @ 20°C	1.10
Viscosity	Not available
pH	1.2
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Chlorine	None
Boiling point	100°C
Freezing point	< -5°C
Foaming tendency	High
Concentration monitoring techniques	Conductivity, titration
Rinsing	Excellent

INCOMPATIBILITY

Chlorinated products, alkalis, metals, organic materials

WAREHOUSING PRECAUTIONS

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

FIRST AID MEASURES

EYES

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

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

INHALATION

Remove person 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.

HEALTH

3

FLAMMABILITY

0

REACTIVITY

2

LEGEND

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

PERSONAL PROTECTION Security equipment



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IMPORTANT : Before using **BIOGUARD**, 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).