

## TECHNICAL DATA MICROBARRIER ELITE<sup>™</sup>

### Description:

Microbarrier Elite<sup>™</sup> provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

Microbarrier Elite<sup>™</sup> can be used as an additive without food or beverage type or temperature limitation, in food or beverage preparation and processing surfaces. Microbarrier Elite<sup>™</sup> can be applied to organic or inorganic substrates by fogging. All surfaces must be cleaned prior to fogging. Fogging is supplement to normal cleaning and practices. EPA Reg. No. 87583-3-639679.

### Physical Properties:

Appearance – Clear, colorless liquid

Odor – Mild

pH, concentrate - ~ 5

Density – 8.37 pounds per gallon

Active Ingredient – Octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride

### Directions for Use:

Microbarrier Elite<sup>™</sup> can be applied to surfaces by fogging, spraying, dipping, or soaking. The substrate can be dried at temperatures from ambient to a maximum of 160°C (320°F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply Microbarrier Elite<sup>™</sup> every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

See product label for EPA regulated directions for use.

Before use in federally inspected meat and poultry food processing plants and dairies, food products must be removed from room or carefully protected.



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January 2020

**Safety:**

May cause eye irritation. Avoid contact with eyes, skin, or clothing. In case of skin contact, flush skin with water. In case of eye contact, flush eyes with water for at least 15 minutes and call a physician. Wash thoroughly with soap and water after handling. If swallowed, rinse mouth and call a physician. Do NOT induce vomiting. Read Safety Data Sheet (SDS) before using this product.

**Storage:**

Keep container tightly closed and in a cool, well-ventilated place. Keep from freezing.