



**TECHNICAL BULLETIN**

**FQE Bacteria Kill I**

FQE Bacteria Kill I is a liquid concentration of quaternary ammonium chlorides for bactericide effective against both aerobic and anaerobic micro-organisms.



**Product Data**

<b>Bulk density</b>	8.95 lb/gallon 1072 kg/m <sup>3</sup>
<b>Solubility</b>	Complete in Water
<b>Flash point</b>	> 200°F (93°C)
<b>Approximate storage life</b>	1 year

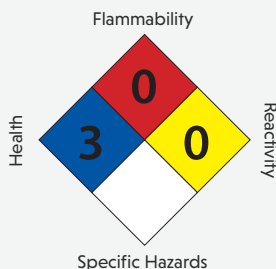
**Standard Package**

55 US gallons (208 litre) closed head poly drum, 330 US gallon (1248 litre) tote bin, or bulk.



**Designed, and blended in Deer Park, Texas**

This product was used in response to the aftermath of Hurricane Harvey.



Bacteria Kill I is fast drying leaving a protective barrier or layer that temporarily protects the surface from infection as well as doubles as a corrosion inhibitor on metal surfaces. It also functions as a surfactant and will assist in cleaning surfaces as well as long as there is surface agitation (i.e. with a cloth or spray system).

For use into antimicrobial products for use in agricultural/farm premises, structures, buildings and equipment; dairy farm milk handling facilities, equipment houses and sheds; food processing plants, food handling, food distribution equipment and premises; eating establishment premises and equipment; commercial, institutional, hospital and industrial premises and equipment (floors, walls, storage areas); domestic dwellings, premises and laundry. For use in air conditioning/refrigeration condensate water systems, pools, fountains, and water displays. Gas/oil drilling muds/packer fluids, piping, above surface equipment, mushroom houses/empty premises equipment, finished wood products, egg handling equipment and rooms, egg washing treatment poultry processing plant equipment/systems, mold remediation, and HVAC&R systems.

**Dilution**

**Surface Application:** For application of product to hard surfaces with active bacterial cultures, concentrations of 1 - 1.5oz per 1 gallon of water. FQE Bacteria Kill I will effectively sanitize the affected surfaces. Spray surface at the recommended dilution rate and allow the surface to dry. Do not rinse off liquid residue with water. 1 gallon will cover approximately between 1000 - 2000 square feet (or more) of surface area.

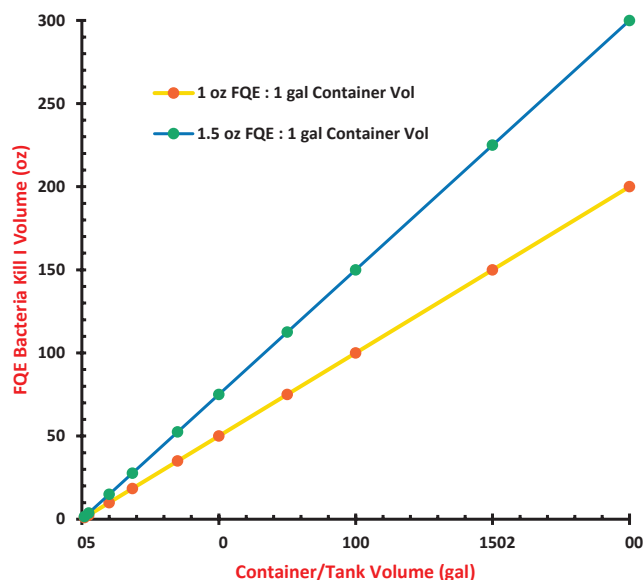
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**Protection Against SARS-CoV-2**

The United States Environmental Protection Agency (EPA) List N includes products that meet EPA's criteria for use against SARS-CoV-2, the novel coronavirus that causes the disease COVID-19.

When selecting a product for application, it's imperative that the active raw ingredients are included on this list. If the ingredients are, then the product can be used against SARS-CoV-2 when applied according to the guidelines. These active ingredients are marketed and sold under many different brand names.



**ACTIVE INGREDIENTS:**

Octyl decyl dimethyl ammonium chloride .....	1.20%
Alkyl (C <sub>12</sub> – C <sub>16</sub> ) dimethyl benzyl ammonium chloride .....	2.40%
Diocetyl dimethyl ammonium chloride .....	1.20%
Didecyl dimethyl ammonium chloride .....	15.20%
Proprietary Ingredients .....	6.25%
INERT INGREDIENTS: .....	73.75%
TOTAL: .....	100.00%

EPA Reg. Nos. 10324-52, 10324-14 **Meets EPA's criteria for use against SARS-CoV-2, the novel coronavirus that causes the disease COVID-19.**

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