

# TECHNICAL BULLETIN



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## QT50

### CONCENTRATED DISINFECTANT

#### MATERIAL & FUNCTION

**QT50** is a highly active sanitizer, deodorant and fungicide based on quaternary ammonium compounds and designed for use in areas of food preparation.

**QT50** contains two types of quaternary ammonium compounds (quats):

A "Twin" or "Dual Chain Quat" (Didecyl dimethyl ammonium chloride) and

A "Second – Generation Quat" (Alkyl dimethyl benzyl ammonium chloride).

This combination is called a "Fifth Generation Quat". Fifth generation quats have an outstanding germicidal performance, they are active under more hostile conditions and are safer to use.

**QT50** is suitable for use in food and meat export establishments.

**QT50** is suitable for the disinfection of various types of plant and equipment, namely homogenizers, pans, tanks, bench tops, bowls, refrigerators, heat exchangers, trays, conveyor belts and mixing, mincing and kneading plants.

**QT50** DOES NOT CONTAIN CHLORINE.

#### APPEARANCE

Clear colourless liquid with distinctive odour.

#### APPLICATION

For non-rinse applications where food may come in contact, quat concentrations must not exceed 200 ppm. **QT50** is recommended for fogging, spraying or manual applications at use dilutions of 2.0 mls (200 ppm quat) to 3.0 mls (300 ppm quat) with one litre of water.

**QT50** solutions should only be applied to precleaned surfaces. Residues should be removed from the product contacting surfaces of equipment by thorough rinsing with clean water before the commencement of operations, but need not be removed from the outside equipment or from walls, floors or ceiling unless their presence is considered hazardous by the establishment officer-in-charge of inspection.

**QT50** is safe to use on all painted and metal surfaces.

#### PACKAGING

5, 15 and 200 L containers.

#### IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product that is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. ALWAYS TEST FIRST.*