



# DISINFECTANT Q10

**DISINFECTANT, SANITIZER, DEODORIZING CLEANER**

## TECHNICAL DATA SHEET



**4 x 4L  
FF-ZA-Q1-001**



**20L  
FF-ZA-Q1-002**



**205L  
FF-ZA-Q1-003**

### Security:

**HEALTH:** 2  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0

0 = Insignificant  
1 = Slight  
2 = Moderate  
3 = High  
4 = Extreme

Technical Specifications:	
Appearance	Liquid
Color	Orange
Odour	Mild
pH	12-13
Specific gravity	1.01
Quat %	5.5%

### Note:

The data presented herein is based on experiments and information believed reliable from suppliers. However, we can make no guarantee on performance of, or results obtained through the use of the product described due to varying conditions in laboratories and applications.

### Gemini Packaging Ltd.

Unit 150 – 12071 JACOBSON WAY,  
RICHMOND, BRITISH COLUMBIA  
V6W 1L5  
TEL: 604-278-3455  
FAX: 604-278-3697  
TOLL FREE: 1-800-665-0991  
[WWW.GEMINI-LTD.COM](http://WWW.GEMINI-LTD.COM)

### DESCRIPTION:

Zaal's Quat Q10 formula is formulated for use in Food Services, preparation and area sanitation as a general disinfectant and/or sanitizer. It is a non-abrasive cleaner, safe to use on delicate surfaces and is effective against a variety of bacteria and viruses, as well as mould and mildew.

In concentrated form for hospital disinfectant it provides virucidal, fungicidal and bactericidal protection in the presence of 5% organic matters. It is proven to be effective against the HIV-1 (AIDS Virus), staphylococcus, and streptococcus and salmonella bacteria. For sanitizing, remove organic matter first and apply on surface for a period of at least for 5 minutes before wiping clean.

At lower concentrations, use for general cleaning and surface sanitation. Cleans and sanitizes food-preparation surfaces, processing equipment, sinks, and cutting boards, counter tops.

**Foam, Spray, wipe or mop on surfaces to be cleaned.  
Food areas must be rinsed clean of residue. Do not store in food preparation areas.**

**Health Canada Registered      DIN NO: 2238955**

### DILUTION RATIOS :

#### Hospital Disinfectant (840ppm / Ratio: 1:64)

Dilute 62ml of concentrate in 4L of water (1.53 wt %) and apply to hard surfaces.

#### General Disinfectant (533ppm / Ratio: 1:102)

Dilute 39ml of concentrate in 4L of water (0.97 wt %) and apply to hard surfaces

#### Non-food Surface Sanitation (215ppm / Ratio: 1:256)

Dilute 15ml of concentrate in 4L of water (0.39 wt %) and apply to hard surfaces

#### Food-Contact Surface Sanitation (154ppm / Ratio: 1:356)

Dilute 11ml of concentrate in 4L of water (0.28 wt %) and apply to hard surfaces using mopping cloths, sprayers, paper etc. All food contact areas must be rinsed clean. Do not store in food storage or preparation areas.

### EFFECTIVE AGAINST:

**Bactericidal (Food Contact Sanitizer):** Escherichia coli, Staphylococcus Aureus

#### Bactericidal (Disinfecting):

Brevibacterium ammoniagenes, Enterobacter aerogenes, Escherichia coli, Klebsiella pneumoniae, Pseudomonas aeruginosa, Pseudomonas cepacia, Salmonella choleraesuis, Salmonella schottmuelleri, Salmonella typhi, Serratia marcescens, Shigella dysenteriae, Staphylococcus aureus, Streptococcus faecalis, Streptococcus pyogenes, Vibrio cholerae

#### Fungicidal:

Aspergillus niger (Mold & Mildew), Trichophyton mentagrophytes

#### Virucidal:

Adenovirus type 5 (higher dilution ratio), Herpes Simplex 1 & 2, HIV-1 (AIDS Virus), Influenza A/Brazil, Vaccinia