

Effective
Against
COVID-19*

ZAP™

No-Rinse Sanitizer
Sanitizer • Disinfectant • Virucide
Mildewstat • Cleaner • Deodorizer

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Before use, consult the product label for directions on preparation of use solutions, product application and cleaning procedures. The label will also contain detailed efficacy information, i.e., a list of bacteria, fungi and viruses against which this product is effective, and the dilution level and contact time required to achieve effective cleaning, sanitizing and/or disinfection. Also consult the label before use for precautionary statements, first aid, environmental hazards, handling, storage and disposal information.

Directions for Use

Food Contact Surface Sanitizing: This product is an EPA registered sanitizer, disinfectant, virucide, mildewstat, cleaner and deodorizer for use in restaurants, bars, institutional kitchens, food handling and process areas. Designed for use on food processing equipment, dairy processing equipment, utensils and other hard, nonporous food contact surfaces in food processing locations, meat plants, bakeries, beverage plants, restaurants and bars. May be used at a variable dilution rate of 1.5 - 4 oz. per 4 gallons of water (or equivalent use dilution), which yields 150-400 ppm active quat. Surfaces must remain wet for at least 1 minute, then allowed to drain and air dry. No potable water rinse is allowed. An essential product for foodservice and food processing sanitation. Effective against the following listed organisms when used according to label directions:

Bacteria: *Campylobacter jejuni*, *Escherichia coli*, *Escherichia coli* O157:H7, *Enterococcus faecalis* Vancomycin Resistant (VRE), *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Pseudomonas aeruginosa*, *Salmonella enterica*, *Salmonella typhi*, *Shigella dysenteriae*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus* Methicillin Resistant (MRSA), *Streptococcus equi*, *Streptococcus pyogenes*, *Yersinia enterocolitica*.

Viruses: Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Herpes Simplex Type 1 Virus, Herpes Simplex Type 2 Virus, Human Coronavirus, Human Immunodeficiency Virus Type 1 (HIV-1), Influenza A (H1N1) Virus, Influenza A2/Hong Kong Virus (H3N2), Norovirus, Vaccinia Virus.

This product is included on EPA's List N of disinfectants that meet the criteria for use against COVID-19

Sanitizing Ice Machine Interiors: This product may be used at a dilution rate of 1.5 - 4 ounces per 4 gallons of water (150-400 ppm) to sanitize the interior hard surfaces of ice machines. All surfaces must be thoroughly wet with solution, and a minimum contact time of 1 minute is required. No potable water rinse is allowed.

Hospital Disinfection: This product may be used as a one-step disinfectant-virucide-deodorizer-cleaner for hard surfaces in hospitals and health care facilities when used at 1.2 ounces per gallon of water. Apply according to label directions. Surfaces must remain wet for 10 minutes.

Mold/Mildew Control: This product controls *Aspergillus niger* on hard, non-porous surfaces for up to 7 days when used at 1.2 oz. per gallon of water.

Control of Small Flies in Drains: At a dilution rate of 1.2 ounces per gallon of water, this product may be used in restaurants and food processing areas to control flies on non-food contact surfaces and in drains. Apply according to label directions. Hard surfaces must remain wet for 10 minutes. For drains, add 14 ounces of solution daily to each drain to maintain fly control.

Safety Reminder

Consult product label and Safety Data Sheet (SDS) before use. SDS's may be downloaded from www.crown-chem.com.



Technical Specifications

Appearance	Clear Liquid
Odor	Characteristic
pH (1% solution, 22°C)	<9.0
Foaming	Moderate
Flash Point	None
Density (lbs/gal, 22°C)	8.28 ±0.1
Stability Range	50-100°F
Free Alkalinity (as Na ₂ O)	None
Solubility (in H ₂ O, 22°C)	100%
Phosphate Content (as P)	None
USDA Rating	D2

Product Number

18441
18405
18455

Packaging

4x1 gal. case
5 gal. pail
55 gal. drum