

Antec International
[Virkon logo]
Virkon®
Broad Spectrum Disinfectant

[FOR USE IN: Cleaning and disinfecting institutional, commercial, residential and public service facilities including hospitals and nursing homes; field medical units, medical and dental offices; clinics and other health-care facilities; laboratories; food processing plants, equipment and warehouses; food service and preparation areas including commercial and institutional kitchens, restaurants and cafeterias; restrooms; retail stores including supermarkets, florists, barbers, and beauty salons; factories; schools and daycare centers; hotels; offices; correctional facilities; funeral parlors and mortuaries; gymnasiums, stadiums and health spas; transportation terminals and vehicles including ships, planes, automobiles, trucks, trains, Emergency Medical Services (EMS) non-porous equipment and gear; and homes and residences.]

[EFFECTIVE AGAINST A WIDE RANGE OF VIRUSES, BACTERIA AND FUNGI INCLUDING:

Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), HIV (Human Immunodeficiency Virus (HIV-1) (AIDS virus), Bacillus cereus, Campylobacter jejuni, Chlamydia psittaci, Clostridium perfringers, Listeria monocytogenes, Shigella sonnei, Streptococcus pyogenes, Campylobacter pyloridis, Klebsiella pneumoniae, Escherichia coli, Salmonella typhimurium, Salmonella choleraesuis, Pseudomonas aeruginosa, Staphylococcus aureus, Staphylococcus epidermidis, Candida albicans, and Trichophyton mentagrophytes]

ACTIVE INGREDIENTS	
Potassium peroxymonosulfate	21.41%
Sodium chloride	1.50%
INERT INGREDIENTS	<u>77.09%</u>
TOTAL	100.00%

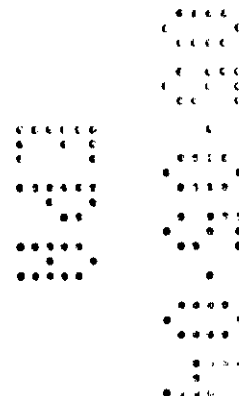
Equivalent to 9.75% Available Chlorine

KEEP OUT OF REACH OF CHILDREN
DANGER

See [Back Panel][Box] for Additional Precautions
 [See product insert for Directions for Use]

[POWDER FORM]

[TABLET FORM]



FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If Swallowed:

- Call Poison Control Center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor
- Do not give anything by mouth to an unconscious person

If Inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a Poison Control Center or doctor for further treatment advice.

If in Eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present after 5 minutes, then continue rinsing eye.
- Call a Poison Control Center or doctor for further treatment advice.

If on Skin:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a Poison Control Center or doctor for further treatment advice.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. [Front panel continued]

Net Contents: [0.18 oz. (5 grams), 0.35 oz. (10 grams), 1.75 oz. (50 grams), 1.1 lbs. (500 grams), 2.2 lbs. (1 kilogram), 11 lbs. (5 kilograms)][See individual product]

[When dissolved in lukewarm water forms [1 quart][1.3 gallons][13 gallons][26 gallons][132 gallons] of 1% solution]

Manufactured by Antec International - A DuPont Company

Leaders in Biosecurity

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EPA Reg. No.62432-2

EPA Est. No. 62432-EN-001

Virkon is a registered trademark of and manufactured by Antec International Ltd US Patent No.4822512

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

INSTITUTIONAL, FOOD PROCESSING, AND SERVICE FACILITIES

With VIRKON, only one product is needed to clean and disinfect all surfaces.

Do Not Use Virkon on acid-sensitive surfaces such as marble or soft metals such as copper, brass, or aluminum. Avoid splashing VIRKON solution on textiles or carpets.

Cleaning and Disinfecting Food Contact Surfaces: Remove gross dirt and prepare 1.0% solution according to the table below. Apply to surface using a sponge, brush, or spray device until the surface is visibly clean. Let stand for 10 minutes and rinse with potable water.

Cleaning and Disinfecting Non-Food Contact Surfaces: Remove gross dirt and use 1.0% Virkon solution prepared according to the table below. Apply to surface using a mop, sponge, brushes or spray device until the surface is visibly clean. Let stand 10 minutes and air dry. In cases of fungal contamination of non-food contact surfaces, follow these instructions substituting a 2.0% Virkon solution.

This product is not to be used on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body.

Crisis Scene Disinfection:

For bacterial and viral control including Streptococcus pyogenes, Campylobacter pyloridis, Klebsiella pneumoniae, Escherichia coli, Salmonella typhimurium, Salmonella choleraesuis, Pseudomonas aeruginosa, Staphylococcus aureus, Staphylococcus epidermidis, Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and HIV (Human Immunodeficiency Virus (HIV-1) (AIDS virus). Not for use with Medical Instruments.

[For [sachet] [pouch] [packet] [bag] packaged with bottle of water: To make a 1% solution, remove cap from bottle of water provided. Completely empty entire contents of [sachet] [pouch] [packet] [bag] into the bottle of water provided. Recap bottle and shake vigorously until powder is dissolved. Remove cap and replace with sprayer. Apply to surface until surface is visibly wet. Let stand 10 minutes and air dry.]

[For [sachet] [pouch] [packet] [bag] packaged with empty bottle: To make a 1% solution, remove cap from empty bottle provided. Fill bottle with water to the designated line. Completely empty contents of Virkon [sachet] [pouch] [packet] [bag] into the bottle of water, recap bottle, and shake vigorously until powder is dissolved. Remove cap and replace with sprayer.

Apply to surface until surface is visibly wet. Let stand 10 minutes and air dry.]

[For a 1% solution from powder: Refer to dilution chart. Fill container with required amount of water and add Virkon powder to achieve solution concentration. Cap container and shake vigorously until powder is dissolved. Apply solution to surface using a sponge, brush, or spray device until the surface is visibly wet. Let stand for 10 minutes and air dry.]

[For a 1% solution from tablet : Refer to dilution chart. Fill container with required amount of water and add [5] [10] [25] [50] gram Virkon tablet to achieve solution concentration. Cap container and shake vigorously until tablet is dissolved. Apply solution to surface using a sponge, brush, or spray device until the surface is visibly wet. Let stand for 10 minutes and air dry.]

[To Use as an absorbent for blood, body fluids, or vomit : Cover soiled area with Virkon powder. Let stand for 10 minutes and scoop into plastic bag and handle as biohazardous waste. Follow up with a disinfectant step by applying a 1% Virkon solution (prepared according to dilution chart) to surface using a sponge, brush, or spray device until the surface is visibly wet. Let stand for 10 minutes and air dry. Bag containing soil must be disposed of as infectious waste.]

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, Hepatitis B (HBV), and Hepatitis C (HCV) ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Kills HIV-1, HAV, HBV, and HCV ON pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health care settings (Hospitals, Nursing Homes, etc.) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

PERSONAL PROTECTION: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: Allow surface to remain wet for 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

Cleaning and Disinfecting Manikins Used in CPR Training: Manikins should be cleaned as soon as possible at the end of each class to avoid drying of contaminants on surfaces. Disassemble the manikin as directed by the manufacturer's instructions. Thoroughly wash all internal and external surfaces and reusable protective face shields with a brush using a 1% Virkon solution. Let stand for 10 minutes and rinse with potable water.

DILUTION CHART

To this much water:	1.0% solution add this much Virkon (1000 ppm available Chlorine)	2.0% solution add this much Virkon (2000 ppm available Chlorine)
American		
0.75 pint	0.135 ounces	0.27 ounces
1 pint	0.18 ounces	0.35 ounces
1 quart	0.35 ounces	0.70 ounces
2.5 quarts	0.525 ounces	1.05 ounces
1 gallon	1.3 ounces	2.6 ounces
10 gallons	13.4 ounces	26.4 ounces
50 gallons	66.8 ounces	133.6 ounces
Metric		
0.5 liter	5 grams	10 grams
0.75 liter	7.5 grams	15 grams
1 liter	10 grams	20 grams
2.5 liter	25 gram	50 grams
5 liters	50 grams	100 grams
10 liters	100 grams	200 grams
50 liters	500 grams	1000 grams
200 liters	2000 grams	4000 grams
500 liters	5000 grams	10,000 grams

[diagrams of measuring cup and measuring cap]

For Disinfecting use a rate of 7.5 gallons/1,000 sq. ft.
 For Cleaning and Disinfecting use a rate of 15 gallons/1,000 sq. ft.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Powder is corrosive. Causes skin burns and irreversible eye damage. Harmful if swallowed, absorbed through skin, or inhaled. Do not get in eyes, on skin or on clothing. Wear

protective clothing and rubber gloves. Avoid breathing dust. Wear goggles, face shield, or safety glasses. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Corrosive statement refers to powder only, not in-use solution.

STORAGE AND DISPOSAL

For pails, jugs, bottles: Store in a cool dry place in tightly closed container. Keep out of reach of children. Always replace lid after use. Wash empty container thoroughly and dispose of in trash. Do not mix this product with other chemicals.

For [sachet] [pouch] [packet] [bag]: Store in cool dry place. Keep out of reach of children. Wash empty packets thoroughly and dispose of in trash. Do not mix this product with other chemicals.

VIRKON FOR THE PROTECTION OF HOTEL GUESTS AND SHIP PASSENGERS (opt.); MEDICAL AND DENTAL STAFF (opt.); CATERING AND FOOD SERVICE STAFF (opt.); CPR STUDENTS (opt.); SERVICE PERSONNEL (opt.)			
VIRUCIDE, BACTERICIDE, FUNGICIDE			
SOURCE	THE DANGERS	CONTROL	VIRKON
PEOPLE - nursery play areas	From young children where personal hygiene is poor - contaminating equipment and play areas.	Clean and disinfect play areas and equipment twice daily with Virkon.	Use 1.0% Virkon to clean and disinfect.
FOOD PREPARATION AREA - from poultry, meat, fish, cheese.	From contamination by Salmonella cholerasuis, Escherichia coli and Campylobacter pyloridis	Clean and disinfect all surfaces on which foods prepared with Virkon 3 or 4 times daily. Clean and disinfect cheese boards, containers regularly.	Use 1.0% Virkon to clean and disinfect. Let stand 10 minutes and rinse with potable water.
VEGETABLE PREPARATION AREA -	From vegetables contaminated with soil containing organisms of human and animal fecal origin.	Clean and disinfect all surfaces in this area - including sinks, work benches, floors, containers in which vegetables pass to kitchen.	Use 1.0% Virkon to clean and disinfect. Let stand 10 minutes and rinse with potable water.
FOOD - Preparation in the kitchen	From all surfaces: benches, mixing bowls, equipment used for preparing cold items, cream, mayonnaise and cutting meat for cold buffet etc. Contamination as above	Clean and disinfect with Virkon solution regularly - several times daily and between different foods.	Use 1.0% Virkon to clean and disinfect. Let stand 10 minutes and rinse with potable water.
WASTE FOOD BINS	Contamination as above.	Clean and disinfect with Virkon solution.	Use 1.0% Virkon to clean and disinfect. Rinse in water.

Note: [Bracketed information is optional text]

DISINFECTANT CLAIMS

- [One step cleaner/disinfectant]
- [Cleans and disinfects in one step]
- [Multipurpose disinfectant cleaner for use on inanimate surfaces]
- [Will effectively clean and disinfect when used as directed]
- [Effective against Hepatitis A Virus (HAV)]
- [Kills Hepatitis A Virus (HAV)]
- [Effective against Hepatitis B Virus (HBV)]
- [Kills Hepatitis B Virus (HBV)]
- [Effective against Hepatitis C Virus (HCV)]
- [Kills Hepatitis C Virus (HCV)]
- [Effective against Hepatitis A Virus, Hepatitis B Virus, [and] Hepatitis C Virus [and HIV-1] on precleaned environmental surfaces/objects previously soiled with blood or body fluids].
- [Kills Hepatitis A Virus, Hepatitis B Virus, [and] Hepatitis C Virus [and HIV- 1] on precleaned environmental surfaces/objects previously soiled with blood or body fluids].
- [Kills [more than] 99.9% [bacterial] germs and viruses* (*Campylobacter pyloridis, klebsiella pneumoniae, Escherichia coli, Salmonella typhimurium, Salmonella choleraesuis, Pseudomonas aeruginosa, Staphylococcus aureus, Staphylococcus epidermidis, Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), HIV (Human immunodeficiency Virus (HIV-1) (AIDS virus), Streptococcus pyogenes]
- [Kills Hepatitis B and HIV (Human Immunodeficiency Virus (HIV- 1) (AIDS virus)]
- [Kills Hepatitis A Virus, Hepatitis B Virus, [and] Hepatitis C Virus]
- [Virucidal], [Bacteriocidal], [Germicidal], [Fungicidal]
- [Kills bacteria and viruses [important to First Responders] such as Hepatitis A (Hepatitis A Virus), Hepatitis B (Hepatitis B Virus), Hepatitis C (Hepatitis C Virus), HIV (Human Immunodeficiency Virus (HIV-1) (AIDS virus)]

ADDITIONAL MARKETING CLAIMS

- [Will not harm most surfaces]
- [Compatible with most surfaces]
- [Non-damaging to most surfaces]
- [Safe for most surfaces]
- [Pleasant citrus scent]
- [Does not compromise the integrity of turnout gear (i.e. Treated Cotton, Aramid fiber, Indura® Ultra-Soft®, PBI, Kevlar®, Lenzing FR®, Tychem®, Polyethylene film coated, Saranex 23P film coated, Sparkguard®, Nomex®, Neoprene)]
- [Compliant with OSHA bloodbourne pathogen standard]
- [Meets NFPA 1581 guidelines]
- [Use powder to absorb spills and solution to disinfect]