


PM 34

62432-2

9/12/97

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	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 62432-2	Date of Issuance: SEP 12 1997
		Term of Issuance: Conditional	
		Name of Pesticide Product: Virkon	

NOTICE OF PESTICIDE:
☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
T. Jeffrey Jones
Dr. Alan Wagner, DVM, MS
2821 River Park Dr.
Columbus, OH 43220

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

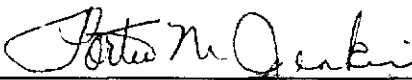
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 62432-2".
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

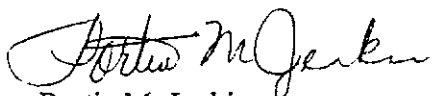
A stamped copy of the label is enclosed for your records.

Signature of Approving Official: 	Date: 9/12/97
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If you have any questions pertaining to this letter, please contact LaVerne Dobbins at (703) 308-6378.

Sincerely,

A handwritten signature in cursive script, reading "Portia M. Jenkins".

Portia M. Jenkins
Acting Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510)

Enclosure:

3 7 6

Antec International

[Virkon logo]

Virkon®

Broad Spectrum Disinfectant

FOR USE IN: Cleaning and Disinfecting Institutional, Food Processing and Service Facilities including food handling and food preparation areas of restaurants and food processing plants, stores, factories, schools, hotels, offices, ships, planes, transportation terminals, supermarkets, and food warehouses.

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

Streptococcus pyogenes, Campylobacter pyloridis, Klebsiella pneumoniae, Escherichia coli, Salmonella typhimurium, Salmonella choleraesuis, Pseudomonas aeruginosa, Staphylococcus aureus, Staphylococcus epidermidis, and Candida albicans.

ACTIVE INGREDIENTS	
Potassium peroxymonosulfate	21.45%
Sodium chloride	1.50%
INERT INGREDIENTS	77.05%
TOTAL	100.00%

Equivalent to 9.75% Available Chlorine

KEEP OUT OF REACH OF CHILDREN

DANGER

See Back Panel for Additional Precautions

X lbs. (Y kg.) Net Contents

Antec International LTD
Windham Road, Chilton Industrial Estates
Sudbury, Suffolk, CO10 6XD, England
Tel: 011 44 1787 377305 Fax: 011 44 1787 310846

EPA Reg. No. 62432-*F*

EPA Est. No. 62432-EN-001

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

ACCEPTED
WITH COMMENTS
in EPA Letter Dated

SEP 12 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.

62432-2

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. Virkon may be used on carpeting or other textiles only if area is tested for color fastness before use and treated area vacuumed when dry.

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, brush, or spray device until the surface is visibly clean. Air dry. In cases of fungal or viral contamination of non-food contact surfaces, follow these instructions substituting a 2.0% Virkon solution.

Sanitizing Toilet Bowls. After flushing, sprinkle VIRKON powder around the bowl, scrub with a brush, leave for 10 minutes. Flush.

DILUTION CHART

To this much water:	1.0% solution add this much VIRKON (1000ppm available Chlorine)	2.0% solution add this much VIRKON (2000ppm available Chlorine)
American 1 gallon 10 gallons 50 gallons	 1.3 ounces 13.4 ounces 66.8 ounces	 2.6 ounces 26.4 ounces 133.6 ounces
Metric 10 liters 50 liters 200 liters	 100 grams 500 grams 2000 grams	 200 grams 1000 grams 4000 grams

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[diagrams of measuring cup and measuring cap]

For Disinfecting use a rate of 7.5 gallons/1000 sq. ft.

For Cleaning and Disinfecting use a rate of 15 gallons/1000 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.

FIRST AID

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get prompt medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Or symptoms of coughing, choking, or wheezing are troublesome, remove to fresh air and seek medical attention.

IF SWALLOWED: Drink promptly a large quantity of water. Avoid alcohol. Get immediate medical attention.

NOTICE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

STORAGE AND DISPOSAL

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.

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**VIRKON FOR THE PROTECTION OF HOTEL
GUESTS AND SHIP PASSENGERS**
VIRUCIDE, BACTERICIDE, FUNGICIDE

INFECTIOUS SOURCE	THE DANGERS	CONTROL	VIRKON
PEOPLE - from saliva.	Transmits bacteria and viruses including staphylococci and streptococci.	Clean and disinfect all crockery, cutlery and drinking glasses with Virkon solution. Also containers in which crockery etc. is transported. Change frequently.	Use 1.0% Virkon to clean and disinfect. Rinse in water.
PEOPLE - from poor personal hygiene and from surfaces in toilets, wash basins, etc.	Transmits bacteria and viruses causing enteritis and typhoid.	Clean and disinfect all surfaces in the bathroom twice daily with Virkon.	Use 2.0% Virkon to clean and disinfect. Rinse in water.
PEOPLE - fungal foot infections.	Organisms causing foot infections in swimming pool changing areas, bathroom floors.	Clean and disinfect floors daily with Virkon.	Use 1.0% Virkon to clean and disinfect.
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. Rinse in water.
PEOPLE - Blood, body fluids, vomit.	All blood should be treated as HIV positive; vomit and body fluids are also highly infective.	Cover heavy blood spillage with Virkon powder. Leave for 10 minutes, then scoop into plastic bag.	Use 2.0% Virkon to clean and disinfect area.
FOOD PREPARATION AREA - from Poultry, Meat, Fish, Cheese	From contamination by Salmonella, Escherichia coli and Campylobacter	Clean and disinfect all surfaces and equipment on which food is 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	Infection 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 daily with Virkon solution.	Use 1.0% Virkon to clean and disinfect. Rinse in water.
BARS/RESTAURANTS - Crockery, cutlery, drinking glasses in restaurants and bars and in the trays in which they are transported.	From people who transmit viral and bacterial contaminants from saliva and hands.	Clean and disinfect. Wash all glasses etc in Virkon solution.	Use 1.0% Virkon to clean and disinfect. Let stand 10 minutes and rinse in water. Change Virkon solution frequently.
N.B. Where dishwashing/pot washing machines are available, if properly operated, the items should be sterile when they leave this machine. At this stage they are open to contamination from people and surfaces; for this reason all surfaces and equipment in the known food processing zone should be washed with Virkon. This single operation will clean and disinfect thus preventing the spread of infection and contamination which occurs when cleaning is done using a detergent only.			

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

June 27, 1997

SEP 12 1997
Under the Federal Insecticide,
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