

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20480

NOTICE OF PESTICIDE:



REGISTRATION  
REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

EPA REGISTRATION NO.

4822-359

DATE OF ISSUANCE

DEC 26 1990

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Vire. 11/64

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine, WI 53406

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 hereby registered/reregistered in accordance with the FIFRA Act, 3(c)(7)(A) provided that you:

1. Submit/submit all data required for registration/reregistration of your product under FIFRA section 2(c)(5) or 4(a) and the data required for the products of similar products to submit to the Agency.

2. Make the labeling changes listed below before you release the product for shipment:

- Add the phrase "EPA Registered" to the label.
- On the reference sheet, reverse "EPA Registered" to read:

Is not a pesticide

- Prefer to label at the number

☒ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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3. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

**S.C. JOHNSON WAX**  
**COMMERCIAL MARKETS**

**VIREX II/64**

## One Step Germicidal Cleanser and Deodorant

**Pseudomonacidal Staphylocidal Salmonellacidal  
Fungicidal \*Virucidal**

**ACTIVE INGREDIENTS:**

Didecyl dimethyl ammonium chloride.....	2.1760%
n-Alkyl [C14 50%, C12 40%, C16 10%] dimethyl benzyl ammonium chloride.....	2.0475%
INERT INGREDIENTS.....	95.7765%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**See back label for additional precautionary statements.**

ACCEPTED  
with comments  
on 11/11/19 Date:

DEC 26 1990

Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
as amended for the pesticide  
registered under FIFRA, the

4800-357

Virex II/64 is a germicidal cleaner and deodorant that is effective in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) plus 5% organic blood serum. Virex II/64 is labor saving providing broad spectrum disinfection, mold and mildew control, and odor elimination with mild cleaning.

Virex II/64 is recommended for use in hospitals, nursing homes, schools and colleges, veterinary clinics, animal life science laboratories, and hotels on non-food contact surfaces.

Virex II/64 is specially formulated to be non-dulling to floor finishes. Virex II/64 eliminates the time and labor normally required for rinsing.

Virex II/64 is bactericidal at 1:64 (2 ounces per gallon) against *Pseudomonas aeruginosa* ATCC# 15442, *Staphylococcus aureus* ATCC# 6538, and *Salmonella choleraesuis* ATCC# 10708 according to the AOAC Use Dilution Test Method modified in the presence of 400 ppm synthetic hard water (calculated as CaCO<sub>3</sub>) plus 5% organic serum. (See reference sheet for complete list of pathogenic organisms).

Virex II/64 is fungicidal against *Tricophyton mentagrophytes* ATCC #9533, *Candida albicans* ATCC# 10231 and *Aspergillus niger* ATCC# 6275 according to the AOAC Use Dilution Test, modified in the presence of 400 ppm hard water (calculated as CaCO<sub>3</sub>) plus 5% organic serum at a 1:64 dilution.

Virex II/64 is virucidal against \*HIV-1 (AIDS virus), Influenza A<sub>2</sub>/J305 ATCC# VR-100, Herpes Simplex Type I ATCC# VR-735, Herpes Simplex Type 2 ATCC# VR-734, and Adenovirus Type 2 ATCC# VR-2 according to the virucidal qualification test, modified in the presence of 400 ppm hard water (calculated as CaCO<sub>3</sub>) plus 5% organic serum at a 1:64 dilution.

#### DIRECTIONS FOR USE:

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

#### GENERAL USE DIRECTIONS FOR DISINFECTING:

For use on hard inanimate non-porous surfaces such as floors, walls, metal surfaces, porcelain, and plastic surfaces. Remove gross filth and heavy soil deposits then thoroughly wet surfaces as required. Use 2 ounces per gallon of water for a minimum contact time of 10 minutes in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be waxed or polished. Prepare a fresh solution daily or when use solution becomes visibly dirty.

\*See accompanying literature regarding HIV-1 (AIDS virus).

ACCEPTED  
FEDERAL BUREAU OF INVESTIGATION  
U.S. DEPARTMENT OF JUSTICE

DEC 26 1990

UNITED STATES DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
ASST. ATTORNEY GENERAL  
REGISTERED UNDER THE  
4822-359

### Statement of Practical Treatment

In case of skin or eye contact, flush thoroughly with plenty of water for at least 15 minutes. If irritation persists, get medical attention. Remove and wash contaminated clothing before reuse. If swallowed drink promptly a large quantity of egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling.

#### Note to Physician

Probable mucosal damage may contraindicate the use of gastric lavage.

#### Storage and Disposal Prohibitions

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

#### Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### Container Disposal

##### Plastic Containers

Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration or if allowed, by state and local authorities, by burning. If burned, stay out of smoke.

##### Fiber Drums with Liners

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration, if allowed by state and local authorities. If drum is contaminated and can not be reused, dispose of in the same manner.

##### Metal Containers

Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

##### General

Consult federal, state, or local disposal authorities for approval of alternative procedures such as limited open burning.

RECORDED  
INDEXED  
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## REFERENCE SHEET

### VIREX II/64 ONE STEP GERMICIDAL CLEANER AND DEODORANT

VIREX II/64 is a germicidal cleaner and deodorant that is effective in hard water up to 400 ppm (calculated as  $\text{CaCO}_3$ ) plus 5% organic blood serum. Virex II/64 is labor saving providing broad spectrum disinfection, mold and mildew control, and odor elimination with mild cleaning.

Effective against the following pathogenic bacteria according to the AOAC Use Dilution Test, current edition, modified in the presence of 400 ppm synthetic hard water (calculated as  $\text{CaCO}_3$ ) plus 5% organic serum:

Staphylococcus aureus ATCC# 6538	Proteus vulgaris ATCC# 13315
Salmonella choleraesuis ATCC# 10708	Salmonella typhi ATCC# 6539
Pseudomonas aeruginosa ATCC# 15442	Serratia marcescens ATCC# 14756
Klebsiella pneumoniae ATCC# 4352	Streptococcus pyogenes ATCC# 9342
Streptococcus faecalis PI #523(1) (clinical isolate)	Staphylococcus aureus SCJ #225(2) (clinical isolate)
Salmonella pullorum PI #3751(1)	Streptococcus agalactiae PI #517(1)
Proteus mirabilis PI #366(1)	Salmonella enteritidis ATCC# 13076
Escherichia coli (4) (clinical isolate)	Salmonella enteritidis E40 (4) (clinical isolate)
Listeria monocytogenes 20A OHIO(4) (clinical isolate)	Staphylococcus aureus SCJ #226 (3) (methicillin resistant)

Fungicidal testing against Trichophyton metagrophytes ATCC# 9533, Candida albicans ATCC# 10231, and Aspergillus niger ATCC# 6275 according to the AOAC Use Dilution test, current edition, modified in the presence of 400 ppm hard water (calculated as  $\text{CaCO}_3$ ) plus 5% organic serum.

Virucidal against \*HIV-1 (AIDS virus), Adenovirus type 2 ATCC# VR-2, Herpes Simplex type I ATCC# VR-735, Herpes Simplex 2 ATCC# VR-734, and Influenza A<sub>2</sub>/J305 ATCC# VR-100 according to the Virucidal Qualification test, modified in the presence of 400 ppm hard water (calculated as  $\text{CaCO}_3$ ) plus 5% organic serum.

\* See accompanying literature regarding HIV-1 (AIDS virus)

- (1) Presque Isle Associates
- (2) St. Mary's Hospital, Racine, Wisconsin
- (3) Park West Hospital, Knoxville, Tennessee
- (4) Food Research Institute, Madison, Wisconsin

Note: Organisms followed by a number in parenthesis represent clinical isolates.

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VIREX II/64

\* Kills HIV-1 (AIDS virus) on precleaned environmental surfaces/objects previously soiled with blood/body fluids in health care settings 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).

Special instructions for cleaning and decontamination against HIV-1 (AIDS virus) of surfaces/objects soiled with blood/body fluids.

PERSONAL PROTECTION: Disposable latex or vinyl gloves, gowns, face masks, or eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

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

CONTACT TIME: HIV-1 (AIDS virus) is inactivated after one (1) minute contact time. Use a ten (10) minute contact time for disinfection against all other bacteria, fungi, and viruses listed on labeling.

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

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