

PM 31 421-434  
"NOTIFICATION"

10/2

read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number  203730
	<b>Application for Pesticide:</b>		

Section I		
1. Company/Product Number 421-434	2. <del>EPA Product Name</del> Date 3/1/96	3. Proposed Classification <input checked="" type="checkbox"/> <del>XXX</del> <input type="checkbox"/> Restricted General
4. Company/Product (Name) #25 Quaternary Ammonium Cleaner/Disinfectant	PM# Johnson/31	
5. Name and Address of Applicant (Include ZIP Code) James Varley & Sons, Inc. 1200 Switzer Avenue St. Louis, Missouri 63147 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	

Section II		
<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  <b>MAR 24 1996</b>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.	

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 I certify that this notification is consistent with PR 95-1 and EPA regulations at 40CFR 152.46 and that no other changes have been made to the labeling of this product. I further understand that if this notification is not consistent with the terms of PR Notice 95-1 and 40 CFR 152.46, then this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.  
 Note: This notification does not preclude the use of other approved labeling as alternative labeling for containers that are exempt under PR Notice 95-1.

Section III					
1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other (_____)					

Section IV			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Chester J. Sempkowski	Title Technical Director	Telephone No. (Include Area Code) 312-523-8320	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment, or both under applicable law.			6. Date Application Received (Stamped)
2. Signature <i>Chester J. Sempkowski</i>	3. Title Technical Director		
4. Typed Name Chester J. Sempkowski	5. Date 3/1/96		



**Domestic Animals**  
 severe eye and skin dam-  
 rubber gloves when handling.

ct into lakes, streams, ponds,  
 National Pollutant Discharge  
 in writing prior to discharge,  
 previously notifying the local  
 or Regional Office of the EPA.  
 flush eyes or skin with plenty  
 contaminated clothing before  
 action; or if these are not avail-  
 ily. **NOTE TO PHYSICIAN:**



**AGE:** Keep container closed  
 product may be disposed of on  
 Containers. Triple rinse (or  
 of in a sanitary landfill, or by  
 Triple rinse (or equivalent),  
 landfill or incineration, or if al-

stitutions and industry. This  
 it both cleans and disinfects  
 ction will reduce the hazard of

orize toilet areas, behind and  
 inhibit the growth of mold and  
 because it is highly concen-

In a manner inconsistent with

-disinfectant-sanitizer-fungi-

hard (inanimate), non-porous  
 mao or coarse spray so as to  
 ired. Prepare a fresh solution

on of water. Treated surfaces  
 ner-disinfectant is also viruci-

# # 25 QUATERNARY AMMONIUM CLEANER - DISINFECTANT

Disinfectant - Cleaner - Sanitizer - Fungicide  
 Mildewstat - Virucide\* - Deodorizer for Hospitals

## INSTITUTIONAL & INDUSTRIAL USE

**ACTIVE INGREDIENTS:**

Octyl decyl dimethyl ammonium chloride .....	3.750%
Dioctyl dimethyl ammonium chloride .....	1.500%
Didecyl dimethyl ammonium chloride .....	2.250%
n-Alkyl (C <sub>14</sub> 50%; C <sub>12</sub> 40%; C <sub>16</sub> 10%) dimethyl benzyl ammonium chloride .....	5.000%
<b>INERT INGREDIENTS .....</b>	<b>87.500%</b>

EPA Reg. No. 421-434      EPA Est. No. 421-MO-01

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

(See side panel for additional precautionary statements.)

**NET CONTENTS:**

**Sanitizing:** To sanitize porous or non-porous, non-food contact surfaces. Add 1/4 oz. per gallon of water.

**1/2 oz. per gallon use-level:** The broad spectrum activity of this quaternary ammonium cleaner-disinfectant has been evaluated in the presence of 5% serum and found to be effective against the following by the A.O.A.C. Use-Dilution Test.

*Pseudomonas aeruginosa* • *Staphylococcus aureus* • *Escherichia coli* • *Salmonella choleraesuis* • *Klebsiella pneumoniae* • *Enterobacter aerogenes* • *Streptococcus faecalis* • *Shigella dysenteriae* • *Brevibacterium ammoniagenes* • *Salmonella schottmuelleri*

**A.O.A.C. Fungicidal Test:** This quaternary ammonium cleaner-disinfectant is effective against *Trichophyton*, mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise areas, dressing rooms.

**Mildewstatic Performance:** At 1/2 oz. per gallon, this quaternary ammonium cleaner-disinfectant will effectively inhibit the growth of mold and mildew and odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

**\*Virucidal Performance:** At 1/2 oz. per gallon, this quaternary ammonium cleaner-disinfectant was evaluated in the presence of 10% serum and found to be effective against the following viruses: Herpes Simplex Type 1 and Type 2 (a member of the virus family that causes infectious mononucleosis), Vaccinia (representative of the pox viruses), and Influenza A2 (the Hong Kong flu virus) and HIV-1 (AIDS virus) on hard, non-porous, inanimate environmental surfaces.

**Sanitizing Non-Food Contact Surfaces** (such as floors, walls, tables, etc.): At 1/3 oz. per 2 gallons use-level, 30 second contact time, this quaternary ammonium cleaner-disinfectant is an effective sanitizing agent in waters of up to 600 ppm hardness against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on porous and non-porous environmental surfaces.

**\*KILLS HIV ON PRE-CLEANED 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 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS"**

**CONTACT TIME:** Leave surface wet for 10 minutes with 1/2 oz. per gallon use-solution.

**CLEANING PROCEDURE:** Blood and other body fluids containing HIV must be thoroughly cleaned from surfaces/objects before application of #25 QUATERNARY AMMONIUM SOLUTION.

**PERSONAL PROTECTION:** Clean up should always be done wearing protective latex gloves, gowns, masks and eye protection.

**DISPOSAL OF INFECTIOUS MATERIAL:** Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

CODE  
# 1023

A PRODUCT OF  
**JAMES VARLEY & SONS, INC.**  
 ST. LOUIS, MO 63147 • 1-800-325-3303  
 MADE IN THE USA