


PM 31 5449-11

10/5

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 6-30-90.

	United States Environmental Protection Agency Office of Pesticide Programs (TS-767) Washington, DC 20460	OPP Identifier Number <div style="font-size: 2em; font-weight: bold;">149197</div>
<b>Application for Pesticide: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment</b>		

**Section I**

1. Company/Product Number 5449-11	2. Date 11/8/95	3. Product Manager 31	4. Proposed Classification <input checked="" type="checkbox"/> General <input type="checkbox"/> Restricted
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5. Name and Address of Applicant (Include ZIP Code)

Multi-Clean  
 A Division of Minuteman International, Inc.  
 600 Cardigan Road  
 Shoreview, MN 55126

Check if this is a new address

6. Product Name  
 Ful-Trole

**Section II - Amendment Information**

1. Subject <input checked="" type="checkbox"/> Resubmission in response to Agency letter <input type="checkbox"/> Final printed label in response to Agency letter <input type="checkbox"/> Other (explain below)	Date of Letter 5/1/95
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I certify that this notification is consistent with PR 95-1 and EPA regulations at 40 CFR 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 sections 12 and 14 of FIFRA.\***TYPE SIZE & LAYOUT CHANGES**

**Section III ALSO MADE**

1. Material This Product Will Be Packaged In Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," Unit package wgt No. per container Water-Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," Package weight No. per container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container 1.5, 55 gallon
5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On material accompanying product	6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Other (Specify) Silk screen on <input checked="" type="checkbox"/> Paper glued 1 quart and <input type="checkbox"/> Stenciled 1 gallon

**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).

Name  
Mark Levitt

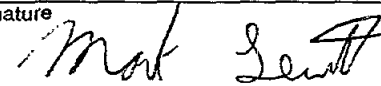
Title  
Chemist

Telephone No. (Include Area Code)  
(612) 481-1900

6. Date Application Received (Stamp)  
 .....

**Certification**

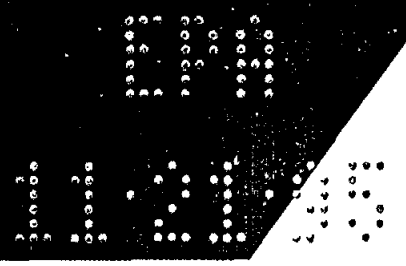
I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Chemist
4. Typed Name Mark Levitt	5. Date Signed 11/13/95

Jobs

# FUL-TROLE

- Disinfectant • Cleaner • Sanitizer
- Fungicide • Mildewstat • Virucide\*
- Deodorizer with Organic Soil Tolerance
- Also deodorizes carpet



**PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.**

FUL-TROLE is an industrial cleaner which disinfects as it cleans. It is especially designed for schools, non-medical institutions and industry. A single application removes dirt and grime, disinfects, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors. When used as directed, the hard surface disinfecting action of FUL-TROLE is also an extremely effective one-step sanitizer for non-food contact surfaces. FUL-TROLE will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and other places where bacterial growth can cause malodors. FUL-TROLE may also be used as a carpet cleaner and sanitizer against odor causing bacteria. See "Carpet Sanitizing Against Odor Causing Bacteria" section for details.

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this products in a manner inconsistent with its labeling. Apply FUL-TROLE to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, toilet bowls and urinals with a cloth, mop, swab or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use-solution becomes visibly dirty.

**Disinfection:** To disinfect hard, non-porous surfaces, add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of FUL-TROLE has been evaluated in the presence of 5% serum by the AOAC Use Dilution Test and found to be effective against a broad spectrum of gram negative and gram positive organisms tested: Escherichia coli, Salmonella typhi, Salmonella choleraesuis, Klebsiella pneumoniae, Staphylococcus aureus, Salmonella schottmuelleri, Streptococcus pyogenes, Shigella dysenteriae, Serratia marcescens, Brevibacterium ammoniagenes. FUL-TROLE is effective against Trichophyton mentagrophytes (the athlete's foot fungus) when used in areas such as locker rooms, showers, bath and exercise areas, dressing rooms, etc., at 2 oz./gallon.

\*At 2 oz./gallon, FUL-TROLE was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A/Brazil, Herpes Simplex and Vaccinia, on inanimate environmental surfaces.

**Disinfecting Toilet Bowls:** Remove gross soils from surfaces with a bowl swab or brush. Next, evacuate bowl water and apply a 2 oz./gallon solution of FUL-TROLE to the bowl swab and sides of bowl. Swab the bowl completely, making sure to get under the rim. Let stand for 10 minutes and flush.

**Mold and Mildew Control:** At 2 oz./gallon, FUL-TROLE will effectively inhibit the growth of mold and mildew and the 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.

**Sanitizing - Non-Food Contact Surfaces** (such as floors, walls, tables, etc.). At 5 oz. per 4.5 gallon use-level, 30 seconds contact time, FUL-TROLE is an effective sanitizing agent against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.

### CARPET SANITIZING AGAINST ODOR CAUSING BACTERIA

FUL-TROLE may be used to clean and sanitize carpet against gram-negative and gram-positive odor causing bacteria. Its effective detergent system cleans the carpet while its quaternary ammonium surfactant reduces the growth of odor causing bacteria, effectively deodorizing the carpet.

**DIRECTIONS:** Extraction: 1. Vacuum carpet. 2. Prepare a 2 oz./gallon solution of FUL-TROLE and clean the carpet using normal hot water extraction equipment and procedures. Spin Bonneting: 1. Vacuum carpet. 2. Pre-spray traffic lanes, heavily-soiled areas and spots with a 2 oz./gallon solution of FUL-TROLE. 3. Soak bonnet in a 2 oz./gallon solution of FUL-TROLE, wring out thoroughly and scrub carpet. NOTE: Do not use on wool or stain resistant nylon carpets. Replace solution daily or when it becomes visibly dirty.

**PRECAUTIONARY STATEMENTS**  
**KEEP OUT OF REACH OF CHILDREN**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER/PELIGRO**

**CORROSIVE:** Causes 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 if swallowed. Avoid contamination of food.

**STATEMENT OF PRACTICAL TREATMENT:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If Swallowed: Promptly drink large quantities of water. Avoid alcohol. Call a physician immediately. Never give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARD:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal. Do not store on side. Avoid creasing or impacting of side walls.

**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 cannot 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:** Triple rinse (or equivalent). Then offer or recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke.

**NOTICE:** Our only obligation shall be to replace or pay for any material proved defective. Beyond the purchase price of materials supplied by us, we assume no liability for damages of any kind and the user accepts the product "as is" and without warranties, express or implied. The suitability of the product for an intended use shall be solely up to the user.

#### Active ingredients:

Octyl decyl dimethyl ammonium chloride	0.54%
Dioctyl dimethyl ammonium chloride	0.27%
Didecyl dimethyl ammonium chloride	0.27%
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride	0.72%
Inert Ingredients	98.20%
	100.00%

EPA Registration No. 5449-11

EPA Establishment No. 5449-MN-1

## Multi-Clean®

A Division of Minuteman International, Inc.

Principle Chemical Office

Canadian Branch

600 Cardigan Road  
Shoreview, MN 55126  
(612) 481-1900

1100 Mid-Way Blvd. #14  
Mississauga, Ont. L5T 1V8  
(905) 670-1063

1195

# 55 Gal./208L



3045

EPA

# Ful-Trole

Disinfectant - Cleaner - Sanitizer - Fungicide - Mildewstat -  
Virucide\* - Deodorizer with Organic Soil Tolerance.

Also deodorizes carpet.

110005

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**DANGER/PELIGRO**

**PRECAUTIONARY STATEMENTS**

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**STATEMENT OF PRACTICAL TREATMENT:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly large quantities of water. Avoid alcohol. Call a physician immediately. Never give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

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**CONTAINER DISPOSAL: Plastic Container:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or by incineration, if allowed by state and local authorities.

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**Disinfection** - to disinfect hard, non-porous surfaces, add 2 oz./gal. (16 ml/litre) of water. Treated surfaces must remain wet for 10 minutes. The activity of FUL-TROLE has been evaluated in the presence of 5% serum by the AOAC Use Dilution Test and found to be effective against a broad spectrum of gram negative and gram positive organisms tested: Escherichia coli, Salmonella typhi, Salmonella choleraesuis, Klebsiella pneumoniae, Staphylococcus aureus, Salmonella schottmuelleri, Streptococcus pyogenes, Shigella dysenteriae, Serratia marcescens, Brevibacterium ammoniagenes. FUL-TROLE is effective against Trichophyton mentagrophytes (the athlete's foot fungus) when used in areas such as locker rooms, showers, bath and exercise areas, dressing rooms, etc., at 2 oz./gal. (16 ml/litre).

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