

# Multi-Clean<sup>®</sup> Ful-Trole

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

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

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER:** See right panel for precautionary statements.

1 Gallon  
(3.785 liters)

**ACCEPTED**  
**AUG 28 1992**  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5449-11

**PRECAUTIONARY STATEMENTS:**  
**KEEP OUT OF REACH OF CHILDREN.**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS.**  
**DANGER**

**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, 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.

**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 or mixture of 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:** Plastic Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or by incineration, if allowed by state and local authorities. Metal Container: Triple rinse (or equivalent). Then offer for recycling, reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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**RECEIVED**  
7-15-92

# Multi-Clean® Ful-Trole

## 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.

**Hako®**  
**Minuteman®**

Multi-Clean Division  
800 Cardigan Road  
Shoreview, Minnesota 55128  
812-481-1800

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FUL-TROLE is an industrial cleaner which disinfects as it cleans. It is designed for schools, non-medical institutions and industry. A single application removes dirt and grime, disinfects, is virucidal, fungicidal, and will inhibit the growth of mold and mildew and their odors. When used as direct surface disinfecting action of FUL-TROLE is also an extremely effective sanitizer for non-food contact surfaces. FUL-TROLE will deodorize toilet areas, behind and under sinks and counters, garbage cans and other areas 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 product in a manner inconsistent with its labeling. Apply FUL-TROLE to walls, floors and other hard non-porous surfaces such as tables, chairs, countertops, sinks, toilets, urinals with a cloth, mop, swab or mechanical spray device so as to wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Use a fresh solution daily or when use-solution becomes visibly dirty.

**Disinfection -** To disinfect hard, non-porous surfaces, add 2 oz. per gallon of FUL-TROLE to 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. It was found to be effective against a broad spectrum of gram negative and gram positive organisms tested: Escherichia coli, Salmonella typhimurium, Shigella dysenteriae, Klebsiella pneumoniae, Staphylococcus aureus, Bacillus subtilis, Schistosoma, Streptococcus pyogenes, Shigella dysenteriae, Bacillus anthracis, and Brevibacterium ammoniagenes.

FUL-TROLE is effective against Trichophyton mentagrophytes (the fungus) when used in areas such as locker rooms, showers, bath 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/B, Poliovirus, Simian Virus 40, and Vaccinia, on inanimate environmental surfaces.

**Disinfecting Toilet Bowls.** Remove gross soils from surfaces with a brush. Next, evacuate bowl water and apply a 2 oz./gal. 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 ten (10) minutes and flush.

**Mold and Mildew Control.** At 2 oz./gallon, FUL-TROLE will effectively control the growth of mold and mildew and the odors caused by them when applied to non-porous surfaces (as indicated in general instructions above). All surfaces should be treated when mold or mildew growth returns.

**Sanitizing - Non-Food Contact Surfaces** (such as floors, walls, tables, etc.) At 2 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.