

PM 31 37697-1 1/2 12-11-89

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. **M.C.I. DISINFECTANT CLEANER F-190** is formulated for this problem area. It both cleans and disinfects effectively and is virucidal when used as directed. Its hard surface disinfecting action will reduce the hazard of cross-contamination.

M.C.I. DISINFECTANT CLEANER F-190 is an extremely effective one step sanitizer for non food contact surfaces. It cleans and sanitizes in waters up to 850 ppm hardness. This hard water tolerance is in excess of most potable waters and will insure complete sanitizing action when used as directed.

Two ounces of **M.C.I. DISINFECTANT CLEANER F-190** per gallon of water will deodorize surfaces in bathrooms, garbage storage areas, and other areas where bacterial growth can cause mal odors. Prevents odor caused by mold and mildew.

Precautionary Statements

Hazards to Humans and domestic animals

WARNING

Keep out of reach of children. May cause severe eye irritation or eye damage. Causes skin irritation. Do not get in eyes, or skin, or on clothing. Harmful if swallowed. Avoid contamination of food.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS

1. Store away from temperature extremes, excessive humidity, sunlight, or contaminating substances.
2. Do not stack over four cases high.
3. See pesticide and container disposal instructions on this label in case of spills.
4. This product must be kept under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its use.

PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

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

Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Label for Phase 2 Response, Page 2.12, Active to Inert Change in Status.

M.C.I. DISINFECTANT CLEANER F-190

**Cleaner—Disinfectant—Deodorizer—Fungicide—Virucide ★
Sanitizer with Organic Soil Tolerance for
Hospital, Institutional and Industrial Use**

Active Ingredients

Didecyl dimethyl ammonium chloride 4.5%

Inert Ingredients

Tetrasodium ethylenediamine Tetraacetate 1.9%
Sodium Carbonate 1.0%
Sodium Metasilicate (anhydrous) .5%
Water 95.5%

WARNING

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 a large quantity of water, egg whites, gelatin solution. Avoid alcohol.

Call a physician immediately.

SEE LEFT PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 37697-1
EPA Establishment No. 37697M001
Net Contents 1 GALLON

MANUFACTURED BY
Missouri Correctional Industries Chemical Product Factory
631 State Street
Jefferson City, Missouri 65101
Telephone 314-751-6663

**Directions for Use
GENERAL CLASSIFICATION**

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

M.C.I. DISINFECTANT CLEANER F-190 is a proven floor, floor cleaner, disinfectant, sanitizer, fungicide, virucide in the presence of moderate amounts of organic soil.

Apply **M.C.I. DISINFECTANT CLEANER F-190** to walls, floors and other hard non-porous surfaces such as tables, chairs, counter tops, sinks and bed frames with a cloth mop or mechanical spray device. Waxes 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—In hospital, hotel, non-potable, hospital surfaces, add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use level, **M.C.I. DISINFECTANT CLEANER F-190** is also virucidal and fungicidal. At 1 oz. per gallon, **M.C.I. DISINFECTANT CLEANER F-190** disinfects hard surface, surfaces in home, industrial and non-medical institutions.

Sanitizing—For hard surface, non-potable, non-food contact, add 1 oz. per 2 gallons of water. Treated surfaces must remain wet for 10 minutes.

For hospitals and nursing homes, add 2.5 oz. per gallon of water. The broad spectrum activity of **M.C.I. DISINFECTANT CLEANER F-190** has been evaluated in the presence of bacteria and found to be effective against the following organisms by the AOAC Use-Definitive Test:

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|--------------------------|--------------------------|
| • Bacillus anthracis | • Klebsiella pneumoniae |
| • Staphylococcus aureus | • Enterobacter aerogenes |
| • Salmonella typhimurium | • Streptococcus faecalis |
| • Escherichia coli | • Streptococcus faecalis |
| • Staphylococcus aureus | • Streptococcus faecalis |
| • Proteus mirabilis | • Brevibacterium linum |

AOAC Fungicidal Test
M.C.I. DISINFECTANT CLEANER F-190 is effective against the growth of 15 fungi on hard surface, including Aspergillus, Botrytis, Cladosporium, Fusarium, Penicillium, Rhizopus, Trichoderma, and Zygomycetes.

Virucidal Performance
At 1 oz. per gallon use level, **M.C.I. DISINFECTANT CLEANER F-190** was evaluated in the presence of 15 viruses including Adenovirus, Herpesvirus, Influenza, Poliovirus, Rotavirus, Rubella, and others. At 1 oz. per gallon use level, **M.C.I. DISINFECTANT CLEANER F-190** was found to be effective against the following viruses: Adenovirus, Herpesvirus, Influenza, Poliovirus, Rotavirus, Rubella, and others. As a result of this study, **M.C.I. DISINFECTANT CLEANER F-190** is registered for use as a virucide against the Herpesvirus, Rubella, and Poliovirus.

For use on hard surface, non-potable, non-food contact, add 1 oz. per gallon use level. **M.C.I. DISINFECTANT CLEANER F-190** is effective against the growth of 15 fungi on hard surface, including Aspergillus, Botrytis, Cladosporium, Fusarium, Penicillium, Rhizopus, Trichoderma, and Zygomycetes.

Sanitizing Non-Food Contact Surfaces (such as walls, floors, tables, etc.) At 1 oz. per gallon use level, **M.C.I. DISINFECTANT CLEANER F-190** is effective against the growth of up to 850 ppm hardness, non-potable water. **M.C.I. DISINFECTANT CLEANER F-190** is effective against the growth of 15 fungi on hard surfaces, including Aspergillus, Botrytis, Cladosporium, Fusarium, Penicillium, Rhizopus, Trichoderma, and Zygomycetes.