



FOR HOSPITAL/INSTITUTIONAL/INDUSTRIAL USE



LIQUID DISINFECTANT CONCENTRATE

disinfectant - cleaner - sanitizer - fungicide
mildewstat - virucide - deodorizer

EPA REG. NO. 12310-22
EPA EST. NO. 12310-IL-1

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride	1 650%
Dioctyl dimethyl ammonium chloride	0 825%
Didecyl dimethyl ammonium chloride	0 825%
Alkyl (C14, 50%, C12, 40%, C10, 10%) dimethyl benzyl ammonium chloride	2 200%
INERT INGREDIENTS	94 500%
TOTAL	100 000%

EFFECTIVE IN HARD WATER UP TO 400 PPM HARDNESS (CALCULATED AS CaCO₃) IN THE PRESENCE OF 5% SERUM CONTAMINATION.

CAUTION

KEEP OUT OF REACH OF CHILDREN

Carefully read additional precautionary statements on side panel.

CONTENTS: 1 GAL. (3.78L)

JAN 13 1983

Under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered under EPA Reg. No. 12310-22

Directions for Use GENERAL CLASSIFICATION

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

LIQUID DISINFECTANT CONCENTRATE is a proven one-step disinfectant-cleaner sanitizer fungicide-mildewstat-virucide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply LIQUID DISINFECTANT CONCENTRATE to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain and bedframes with a cloth, mop 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 in hospitals add 2 oz per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level this product is also virucidal, fungicidal and fungistatic. At 1 1/2 oz per gallon of water, this product will disinfect hard non-porous surfaces in school, industry and non-medical institutions.

Sanitizing - To sanitize porous and non-porous, non-food contact surfaces add 1 oz per 2 1/2 gallons of water. Treated surfaces must remain wet for 60 seconds. Effective against Staphylococcus aureus and Klebsiella pneumoniae.

2 oz per gallon use-level The broad spectrum activity of LIQUID DISINFECTANT CONCENTRATE has been evaluated and found to be effective against the following organisms by the AOAC Use Dilution test:
Pseudomonas aeruginosa, Enterobacter aerogenes, Staphylococcus aureus, Streptococcus faecalis, Salmonella choleraesuis, Shigella dysenteriae, Escherichia coli, Brevibacterium 3.10.11.1, Streptococcus pyogenes, Salmonella typhi, Klebsiella pneumoniae, Serratia marcescens.

For schools, industry and non-medical institution use. At 1 1/2 oz gallon of water LIQUID DISINFECTANT CONCENTRATE delivers excellent cleaning and germicidal effectiveness. It is effective against Staphylococcus aureus, Salmonella choleraesuis, Escherichia coli and Serratia marcescens. The same AOAC tests used to confirm performance for hospitals were used.

AOAC Fungicidal Test is an effective fungicide against Trichophyton mentagrophytes, the athlete's foot fungus, when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

Mold and Mildew Control At 1 1/2 oz gallon this product 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 for use. Allow 24 hours for surface to dry prior when mildew growth returns.

Virucidal Performance At 1 1/2 oz per gallon use level LIQUID DISINFECTANT CONCENTRATE was evaluated and found to be effective against the influenza A, B, and C virus on inanimate environmental surfaces.

LIQUID DISINFECTANT CONCENTRATE is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal and will prevent the growth of mold and mildew and their odors when used as directed. It is an effective one-step sanitizer-cleaner for use on non-food contact surfaces. When used as directed LIQUID DISINFECTANT CONCENTRATE will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas and other places where bacterial growth can cause mal odors.

THIS PRODUCT IS ACCEPTED BY THE U.S. D.A. FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PROCESSING PLANTS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Keep out of reach of children. 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 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 a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.
- OPEN DUMPING IS PROHIBITED.
- DO NOT REUSE EMPTY CONTAINER.

PESTICIDE DISPOSAL

PESTICIDE SPRAY MIXTURE OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPRODUCED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

CONTAINER DISPOSAL

TRIPLE RINSE OR EQUIVALENT AND DISPOSE IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS OR BURY IN A SAFE PLACE.

GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.



MANUFACTURED BY

MISCO INTERNATIONAL CHEMICALS, INC.³

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE JAN 13 1983
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION. <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>		
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
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.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

c. Place the signal word DANGER, to appear directly below the statement: "Keep out of reach of children" (center panel only).

d. Revise the statement:

Carefully read additional precautionary statement on side panel

to read:

See side panel for additional precautionary statements.

e. Revise the statement (sanitizing section only):

To sanitize porous and nonporous nonfood contact surfaces

to read:

To sanitize porous and nonporous environmental nonfood contact surfaces.

f. It is our understanding that this product will be placed into the A4 and C1 categories by USDA. Therefore include the following statements with your USDA reference:

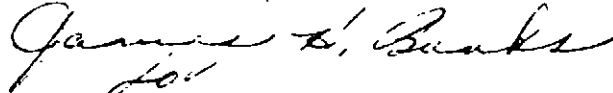
To clean floors, walls and other hard nonporous surfaces in inedible and nonprocessing areas. Food products and packaging materials must be removed from the room or carefully protected. All surfaces must be thoroughly rinsed with potable water.

3. The revised Confidential Statement of Formula submitted is acceptable.

4. Submit five(5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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)
Disinfectants Branch
Registration Division (PS-767C)

Enclosure