

4482-15

10-23-2000

1/4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Epic Industries
1007 Jersey Avenue
New Brunswick, NJ 08901

OCT 23 2000

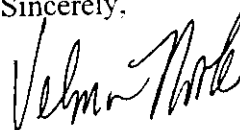
Subject: Dical
EPA Registration No. 4482-15
Letter Dated September 14, 2000

Attn: Laurence Y. Liou
Technical Director

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy of the label is enclosed for your records.

Submit one (1) copy of the final printed label before this product is released for shipment. If you have any questions concerning the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510W)

CONCURRENCES							
SYMBOL	7510W						
SURNAME	Z. Jones						
DATE	10-6-00						

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DICAL®

Disinfectant • Sanitizer • Fungicide • Deodorizer

For Use In
Homes and other Residential Dwellings,
Institutions
(Hospitals, Nursing Homes, Clinics and other Medical Facilities, Schools and other Educational Facilities),
Industrial Plants and Commercial Establishments
(Warehouses, Offices, Hotels, Motels, Restaurants, Businesses, Barber/Beauty Shops,
Kennels, Dairies and Other Farm Operations)

ACTIVE INGREDIENT:

Didecyl dimethyl ammonium chloride	7.5%
OTHER INGREDIENTS	<u>92.5%</u>
Total	100.0%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 23 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

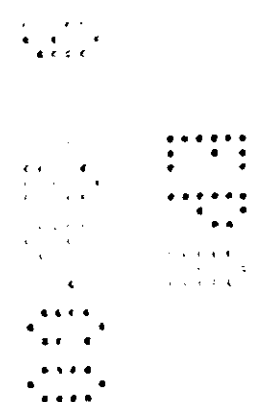
4482-15

Keep Out of Reach of Children
DANGER
See First Aid and Additional Precautionary Statements
on Side [Back] Panel.

Net Contents: _____ fl. oz.

EPIC INDUSTRIES
1007 Jersey Avenue, New Brunswick, NJ 08901
Toll Free Nationwide: 1-800-221-3742

EPA Reg. No. 4482-15 EPA Est. 4482-NJ-1



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registered under EPA Reg. No. 4482-15

DIRECTIONS FOR USE

Do not use this product in a manner inconsistent with its labeling.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in tightly closed original container in a secure area inaccessible to children. **Pesticide Disposal:** 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 landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[For products sold in containers 1 gallon or less:]

Storage: Store in tightly closed original container in a secure area inaccessible to children. **Disposal:** Do not reuse empty container; wrap and put in trash collection.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

To Deodorize and Clean Surfaces Prior to Disinfection: Thoroughly clean all surfaces by removing all gross filth and heavy soil using a solution of 2 oz. Dical in 4 gallons of water.

Disinfection in Homes and Other Residential Dwellings, Institutions (including but not limited to Hospitals, Nursing Homes, Clinics and other Medical Facilities, Schools and other Educational Facilities), Industrial Plants and Commercial Establishments (including but not limited to Warehouses, Offices, Hotels, Motels, Restaurants, Businesses and Kennels): For disinfecting floors, walls, countertops, bathing areas, lavatories, bed frames, tables, chairs, garbage pails and other pre-cleaned hard non-porous environmental surfaces. To disinfect *Pseudomonas aeruginosa* dilute 3 1/2 oz. Dical with 4 gallons of water and apply to surfaces using a mop, cloth or sponge, maintaining a thoroughly wet surface for 10 minutes prior to wiping. To disinfect *Staphylococcus aureus*, *Salmonella choleraesuis* and *Trichophyton mentagrophytes* (the athlete's foot fungus) dilute 2 oz. Dical with 4 gallons of water and apply to surfaces using a mop, cloth or sponge, maintaining a thoroughly wet surface for 10 minutes prior to wiping.

Disinfection of Barber Tools (such as combs, brushes, razors and scissors): Immerse in a solution of 1/2 oz. Dical to 1 gallon of water for a minimum of 10 minutes prior to removing from solution. Allow to air dry.

Disinfection of Poultry Equipment, Animal Quarters and Kennels (such as poultry brooders, watering founts, feeding equipment, stalls and kennel areas): Prior to disinfection, remove all poultry, animals and their feeds from the premises. Empty all troughs, racks and other feeding/watering equipment. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals. Then thoroughly wash all surfaces to remove all gross filth and heavy soil using a solution of 2 oz. Dical in 4 gallons of water. To disinfect surfaces mop, sponge or otherwise apply a solution of 2 oz. Dical in 4 gallons of water, maintaining a thoroughly wet surface for 10 minutes prior to wiping. Small utensils should be immersed in this solution for a minimum of 10 minutes before removing from solution to air dry. After disinfection ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment as been absorbed, set or dried. All treated equipment or utensils that will contact feed or drinking water must be rinsed with potable water before reuse.

For Sanitizing Hard, Non-Porous Surfaces of Food Processing Equipment and Work Areas in Food Contact Locations: For sanitizing food processing and dairy equipment, food utensils, dishes, silverware, glasses, sinks, counter tops, refrigerated storage and display equipment and other hard, environmental non-porous surfaces. Before using this product, carefully protect food products and packaging materials or remove them from the area. Pre-clean all surfaces by a pre-flush and pre-scrape and, when necessary a pre-soak, then thoroughly wash surfaces with a good detergent or compatible cleaner followed by a potable water rinse. Tilt all movable surfaces for proper drainage. For sanitization, prepare a solution of 1 oz. Dical in 4 gallons of water. Wet surface thoroughly with this sanitizing solution using a clean cloth or sponge. Surfaces should remain wet for 1 minute. Let surface drain and air dry. Do not rinse or wipe. Prepare a fresh solution daily or when solution becomes visibly dirty.

For sanitizing multi-use eating, drinking and cooking utensils in commercial restaurants and institutional kitchens, pre-clean utensils, glassware, cookware and all dishes by a pre-flush and pre-scrape and, when necessary a pre-soak. Wash surfaces with a good detergent or compatible cleaner followed by a potable water rinse. For sanitization, prepare a solution of 1 oz. Dical to 4 gallons water and immerse all utensils for at least 2 minutes or longer if specified by the government sanitary code. Place sanitized utensils on a rack or drain board and allow to air dry. Do not rinse or wipe. Prepare a fresh solution daily or when solution becomes visibly dirty.

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This dilution fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinances 1965 Recommendations of the U.S. Public Health services in water up to 1000 ppm of hardness calculated as CaCO₃ when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

To sanitize the udders, flanks and teats of dairy cows: Wash with a solution of 1 oz. Dical in 4 gallons of warm water. **No potable water rinse is required.** Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty discard and provide fresh solution.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles or safety glasses) and chemical resistant gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

First Aid

If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-221-3742 for emergency medical treatment information.	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.	

Environmental Hazards

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. [Note: the *Environmental Hazards* will appear on products sold only in containers greater than or equal to 5 gallons.]

Item Code: _____

(U) PARVE

Rev. MO/YR

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