

DIRECTIONS FOR USE

General Use:

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

Dionne detergent/disinfectant has been designed specifically for hospitals, offices, motels, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

DISINFECTION- To disinfect hard inanimate surfaces (such as walls, floors, table tops), apply solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

DILUTION RATES- General Disinfection-add 4.5 ounces Dionne detergent/disinfectant per gallon of water. Hospital Disinfection-add 6 ounces Dionne detergent/disinfectant per gallon of water.

To disinfect toilet bowls, flush toilet, add 4.5 ounces Dionne detergent/disinfectant directly to the bowl water. Scrub the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

MILDEWSTAT- To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops) add 4.5 ounces Dionne detergent/disinfectant per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

SANITIZATION- To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary Dionne detergent/disinfectant solution by adding 8 ounces Dionne detergent/disinfectant to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm Dionne detergent/disinfectant solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Remove and Rinse thoroughly with **FOIBLE WATER**. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm Dionne detergent/disinfectant solution for at least 60 seconds making sure to immerse completely. Remove and Rinse thoroughly with **FOIBLE WATER**. Prepare a fresh solution daily or more frequently as soil is apparent.

PRECAUTIONARY STATEMENTS

Hazard to Human and Domestic Animals

DANGER

Keep out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

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 all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a Physician.

NOTE TO PHYSICIAN

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

DIONNE

DETERGENT/DISINFECTANT

CLEANER	DISINFECTANT
DETERGENT	FUNGICIDE (against
DEODORIZER	pathogenic fungi)
SANITIZER	
MILDEWSTAT (on hard	
inanimate surfaces)	

ACTIVE INGREDIENTS:

n-Alkyl (60%Cl4, 30%Cl6, 5%Cl2, 5%Cl8)	
dimethyl benzyl	
ammonium chlorides.....	0.80%
n-Alkyl (68%Cl2, 32%Cl4)	
dimethyl ethylbenzyl	
ammonium chlorides.....	0.80%
INERT INGREDIENTS.....	98.40%
	Total 100.00%

EPA REG. NO. 34797-
EPA EST. NO. 34797-1A-03

**KEEP OUT OF REACH OF CHILDREN
DANGER**

see side panels for additional precautionary
statements

Qualis, Incorporated
Des Moines, Iowa 50321

NET CONTENTS

ACCEPTED
NET CONTENTS
34797-1A-03

34797-1A-03

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Dionne detergent/disinfectant is a heavy duty cleaner/disinfectant and sanitizer designed for general household use, schools, motels, offices, kitchens, food/processing plants and light industrial and hospital applications where heavy duty cleaning is of prime importance. When used as directed, Dionne detergent/disinfectant is formulated to disinfect inanimate hard surfaces (such as walls, floors, sink tops, toilet bowls, table tops and telephones). For larger areas, such as patient care facilities and restrooms, the product is designed to aid in heavy duty cleaning/disinfecting. Dionne detergent/disinfectant is designed to aid in controlling the hazard of cross contamination in areas where heavy duty cleaning is necessary. When used as directed, Dionne detergent/disinfectant will remove most household dirt in a single simple application.

In addition, Dionne detergent/disinfectant deodorizes those which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

DISINFECTION- At 4.5 ounces per gallon dilution, Dionne detergent/disinfectant exhibits effective disinfectant activity against the organisms: *Salmonella choleraesuis*, *Staphylococcus aureus*, and *E. Coli*.

At this level the product is also fungicidal against pathogenic fungi, *Trichophyton mentagrophytes*.

At 6 ounces per gallon dilution, Dionne detergent/disinfectant is an effective hospital disinfectant and demonstrates disinfectant activity against *Pseudomonas aeruginosa*.

Efficacy tests have demonstrated that Dionne detergent/disinfectant is an effective bactericide and fungicide in the presence of organic soil (5% blood serum).

MOLD AND MILDEWSTAT- Dionne detergent/disinfectant

controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces at 4.5 ounces per gallon dilution.

SANITIZATION- When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200 ppm. At this level **FOIBLE WATER RINSE** is required. Heavily soiled areas should be pre-cleaned and rinsed thoroughly before sanitization. Dionne detergent/disinfectant is an effective sanitizer when diluted in water up to 500 ppm hardness (CaCO₃).

STORAGE AND DISPOSAL

PRODUCT DISPOSAL- Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL- Do not reuse bottle. Rinse thoroughly before discarding in trash.

BEST DOCUMENT AVAILABLE

STORAGE AND DISPOSAL

(For Industrial Use Products & Sizes Larger Than 1 Gallon)

PROHIBITIONS

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. DO NOT TRANSPORT OR STORE BELOW 32°F.

PRODUCT DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

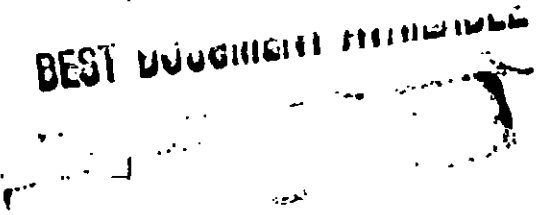
CONTAINER DISPOSAL

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

ACCEPTED
with COMMENTS
in EPA Letter Book

MAY 10 1981

IF THIS PRODUCT IS A PESTICIDE,
IT IS REGISTERED UNDER THE FIFTH Act
of the Federal Insecticide, Fungicide,
and Rodenticide Act, 1947, as amended,
registered under EPA Reg. No.
34797-40

<p align="center"> U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (HH-567) <small>WASHINGTON, D.C. 20460</small> </p> <p> NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended)</i> </p>	EPA REGISTRATION NO. _____ DATE OF ISSUANCE 10 MAY 1984
	TERM OF ISSUANCE _____
	NAME OF PESTICIDE PRODUCT _____
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) <p align="center">  </p>	
<p>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.</p>	
<p>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.</p>	
<p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p>	
<p>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 trade name if it has been covered by others.</p>	
<input type="checkbox"/> ATTACHMENT IS APPLICABLE	
SIGNATURE OF APPROVING OFFICIAL _____	DATE _____

34737-40

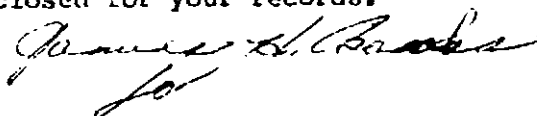
-2-

3. The confirmatory data submitted February 23, 1984, are acceptable and have been assigned the Accession Number 252549.

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 (FS-767C)

Enclosures