

11-11-77  
FEDERAL INSECTICIDE ACT  
EPA ECONOMIC POISON REGISTER  
ED UNDER NO. 84361

### SOLUTION MIXING DIRECTIONS

Solution (A): Sanitizing Solution—200 PPM. One (1) fluid ounce this product mixed with four (4) gallons water.

Solution (B): Disinfectant Solution. Three (3) fluid ounces this product mixed with five (5) gallons water. Kills staphylococcus aureus and Salmonella choleraesuis. Does NOT afford activity against Pseudomonas aeruginosa.

Solution (C): Disinfectant Solution. Three and one half (3½) fluid ounces this product mixed with five (5) gallons water. DOES afford activity against Pseudomonas aeruginosa PRD-10.

Solution (D): Disinfectant Solution. One and one half (1½) fluid ounces this product mixed with one (1) gallon water.

RINSE EMPTY CONTAINER IN WHICH THIS PRODUCT WAS PACKAGED, THOROUGHLY WITH WATER AND DISCARD.

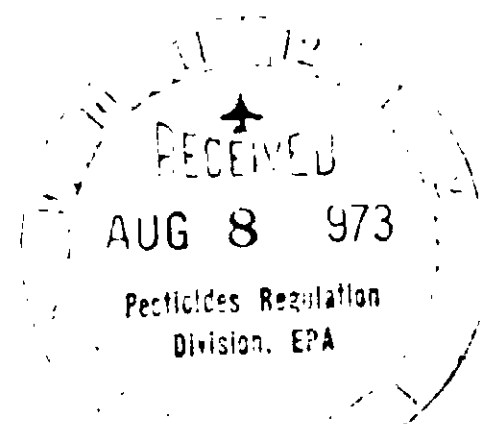
### DANGER

KEEP OUT OF REACH OF CHILDREN. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling concentrate. Harmful if swallowed. Avoid contamination of food. Avoid breathing spray mist.

### FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water, for at least 15 minutes. For eyes, call 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.

E.P.A. REGISTRATION NUMBER: 8436-1



## BERMICIDE 72

Disinfectant-Sanitizer-Deodorizer-Concentrate  
CONCENTRATE — MUST BE DILUTED BEFORE USING  
ACTIVE INGREDIENTS:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)	
dimethyl benzyl ammonium chlorides .....	5.0%
n-Alkyl (68% C12, 32% C14)	
dimethyl ethylbenzyl ammonium chlorides .....	5.0%
INERT INGREDIENTS .....	90.0%

TOTAL:	100.0%
Guaranteed minimum phenol coefficients-AOAC at 20 Deg.	
C.: Staphylococcus Aureus .....	92
Salmonella Typhosa .....	60
This product fulfills the criteria of Appendix F of the Grade 'A' Pasteurized Milk Ordinance 1965—Recommendations of the U.S. Public Health Service, in waters up to 750 PPM of hardness calculated as CaCo3 when tested by the AOAC Germicidal and Detergent Sanitizers—Official Method.	

**DANGER** Keep Out of Reach of Children. See antidote statement and other precautions on left panel.  
NOT A HOUSEHOLD PRODUCT  
FOR PROFESSIONAL-HOSPITAL-INSTITUTIONAL USE

MANUFACTURED BY  
**BERMAN CHEMICAL COMPANY**  
1316 LOCUST STREET — P.O. BOX 567  
TOLEDO, OHIO 43693

**SPECIAL NOTE:** Use of this product in proper Solution, must be preceded by washing surface with soap or synthetic detergent and COMPLETE RINSING IN POTABLE WATER. See left panel for mixing this product with water for desired Solution. Application methods include mopping, cloth, sponge, spraying and use in automatic floor machines. Terminal Potable Water Rinse is required when Solution (A) is used in Restaurant, Bar, Food Processing equipment and utensils. Always follow recommendations of local Health Department in all instances of application and use.

**HOSPITALS — MEDICAL CLINICS — NURSING HOMES**  
Pseudomonicidal activity of disinfecting solution is required. Solution (C) is effective against Pseudomonas aeruginosa PRD-10 and should be used in these installations.

Walls, Floors, Toilet Areas, Bed Frames, Operating Rooms, All Inanimate Hard Surfaces. Apply Solution (C). For cold disinfecting of previously cleaned surgical instruments, barber tools and dental equipment, submerge in Solution (D), for a minimum of 10 minutes.

**FOOD PROCESSING PLANTS—SUPER MARKETS—CUTTING ROOMS**  
Use of this product in official USDA inspected Meat, Poultry, Rabbit and Egg Processing Plants and U.S. Department of Commerce-Fishery Products Inspection Program, is limited to Solution (A) which is 200 PPM AND A POTABLE WATER RINSE IS REQUIRED.

Equipment—food utensils, apply Solution (A) for Sanitizing. A POTABLE WATER RINSE IS REQUIRED.

**DAIRIES**  
To sanitize dairy equipment, first clean and rinse thoroughly. Apply Solution (A). A POTABLE WATER RINSE IS REQUIRED.

**RESTAURANT AND BAR USE**  
First wash dishes, glassware, silverware, cooking utensils, with soap or synthetic detergent, rinse thoroughly, immerse in Solution (A). A POTABLE WATER RINSE IS REQUIRED.

**SCHOOLS, OFFICES, LOCKER ROOMS, GARBAGE PAILS, SHOWER STALLS, SINK TOPS, CLASSROOMS, FLOORS, WALLS, TELEPHONES, REST ROOMS, INANIMATE HARD SURFACES.** For Sanitizing, apply Solution (A). For Disinfecting to include activity against Staphylococcus aureus and Salmonella choleraesuis, apply Solution (B). For disinfecting to include activity against Pseudomonas aeruginosa, apply Solution (C).

NET CONTENTS.....U.S. GALLON(S)

### DIRECTIONS:

#### DISINFECTING:

Mix 2 ounces, per gallon of water. Effective against *Pseudomonas aeruginosa* PRD-10 at this level. Confirmed by AOAC USE DILUTION CONFIRMATION TEST. At this level, solution is fungicidal against pathogenic fungi.

Use with clean cloth or mop. Apply to walls, floors, and other hard surfaces.

#### SANITIZATION:

If used for sanitization of previously cleaned food equipment or food contact items, limit the level of active quaternaries to 200 PPM. (2.8 ounces per 5 gallons water). POTABLE WATER RINSE IS REQUIRED PRIOR TO REUSE.

If surface is laden with heavy soil or organic matter, a precleaning step is required.

This product mixed 2 ounces with one gallon of water, used on environmental, inanimate, hard surfaces, is effective against Influenza A2, Herpes Simplex, Adenovirus type 2, and Vaccinia viruses.

## DANGER

Keep Out of Reach of Children. Causes skin irritation. May cause eye damage. Do not get in eyes, on skin or clothing. Protect eyes when handling. Harmful or fatal if swallowed. Avoid contamination of food.

### FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call 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.

E.P.A. REGISTRATION NUMBER: 8436-4

# DISCENT

**Detergent-Deodorant-Sanitizer-Disinfectant-Fungicide**  
**CLEANS AND LEAVES A PLEASANT ODOR**

#### ACTIVE INGREDIENTS:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)	
dimethyl benzyl ammonium chlorides .....	2.25%
n-Alkyl (68% C12, 32% C14)	
dimethyl ethylbenzyl ammonium chlorides .....	2.25%
Sodium Carbonate .....	3.00%
Essential Oils .....	1.38%

INERT INGREDIENTS:..... 91.12%  
100.00%

Guaranteed Minimum Phenol Coefficients-AOAC at 20	
Deg. C.: Staphylococcus Aureus .....	42
Salmonella Typhosa .....	27

## DANGER

Keep Out of Reach of Children. See First Aid and other precautionary statements on left side panel.

**NOT A HOUSEHOLD PRODUCT**  
**FOR PROFESSIONAL-HOSPITAL-INSTITUTIONAL USE**

EPA EST. 8436-OH-1

Manufactured by:

**BERMAN CHEMICAL COMPANY**

1316 Locust St. — P.O. Box 567  
Toledo, OH 43693

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DISCARD

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