

8 fl. oz. bottle label information

237 ml. 8 fl. oz. 200 160 120 80 40

merphene E.P.A. Reg. No. 3376-2

GERMICIDAL CONCENTRATE

For Odorless Disinfection of Surgical, Dental Instruments and Nonporous Environmental Surfaces

Pseudomonacidal Bactericidal Fungicidal Staphylocidal

Active Ingredients: A triple formulation of synthetic cationic surface-active salts and rust inhibitor. (see side panel)

DANGER

KEEP OUT OF REACH OF CHILDREN See side panel for additional precautionary handling instructions and First Aid. Rinse empty container thoroughly with water and discard.

Manufactured by BARRY LABORATORIES, INC. POMPANO BEACH, FLORIDA 33064

DIRECTIONS: MUST BE DILUTED BEFORE USE.

1. To prepare Merphene "use solution" for cold disinfection, — mix Merphene Concentrate with clean potable water as follows:

For Germicidal Activity: Empty 40 ml. into one gallon (U.S.) of potable water, or 10 ml. Merphene Concentrate to 32 oz. (1 quart, U.S.) water.

For Fungicidal Activity: Empty 40 ml. into two quarts (64 oz., U.S.) of potable water, or 20 ml. Merphene Concentrate to 32 oz. (1 quart, U.S.) water.

2. Clean instruments thoroughly of foreign matter, soap and detergents before immersion.

3. Immerse completely for at least ten minutes

NOTE: Surgical instruments will not be damaged by prolonged immersion, as an effective rust inhibitor is built-in. NOT RECOMMENDED FOR ALUMINUM INSTRUMENTS.

ACTIVE INGREDIENTS n-alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride, 6.5% disobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride monohydrate, 3.25% disobutylcresoxyethoxyethyl dimethyl benzyl ammonium chloride monohydrate, 3.25% INERT INGREDIENTS: Including Sodium Nitrite (Rust Inhibitor), 8.7%

DANGER Keep out of Reach of Children. Corrosive. 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. 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 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.

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

LOT NO.

3376-2

ACCEPTED WITH COMMENTS

MERPENE GERMICIDAL CONCENTRATE

A triple formulation of synthetic cationic surface-active salts and rust inhibitor (see container label)

<u>COPY A</u>	FUNGICIDAL *	ODORLESS	Product Information Bulletin Front Side
	BACTERICIDAL *	COLORLESS	
	STAPHYLOCIDAL *	DEODORIZING	
	PSEUDOMONACIDAL *	RUST INHIBITING	

ECONOMICAL

COPY B For Hospitals and Clinics wishing to prepare "use solution" for future use, using tightly sealed glass storage bottles. Controlled laboratory tests show that the germicidal activity of the "use solution" is maintained for a minimum of 542 days. This is an ongoing study to determine the maximum activity period. The storage of the "use solution" for future use should be at room temperature protected from direct sunlight.

MERPENE CONCENTRATE Using Potable Water Will Convert To:
 1 1/3 fl. oz. (40 ml.) Concentrate makes 1 U.S. Quart (958 ml.) of 1:100 "use solution"
 8 Ounces Concentrate makes 6 Gallons (U.S.) of 1:100 "use solution"

CONVENIENT

COPY C MERPENE CONCENTRATE is available in 8 ounce turret-top, plastic, squeeze bottles for easy storage in physicians' offices, clinics and hospitals.

EASY TO USE

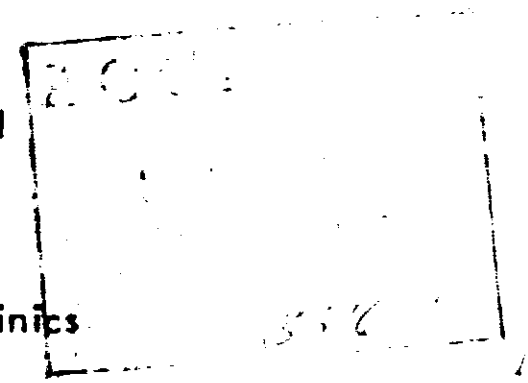
COPY D MERPENE CONCENTRATE is easily diluted to the 1:100 "use solution" by mixing 40 ml. with a gallon of potable water.

The graduated turret-top bottle allows for easy dispensing and handling.

PRIMARY USES:

COPY E FOR MEDICAL AND DENTAL SURGICAL INSTRUMENTS; LABORATORY, HOSPITAL AND OFFICE EQUIPMENT; AND ON ENVIRONMENTAL SURFACES, SUCH AS:
 Floors, Walls, Bench Tops, Fume Hoods, Examining Room Tables, and Similar Hard Nonporous Surfaces as Encountered in the Following Areas:

- | | |
|-------------------------|--------------------------|
| central supply | nurses' stations |
| dental clinics | obstetrics wards and |
| dietary departments | delivery rooms |
| emergency rooms | outpatient clinics |
| engineering departments | pharmacies |
| housekeeping | physical therapy clinics |
| laboratories | surgeries |
| laundry | X-ray departments |

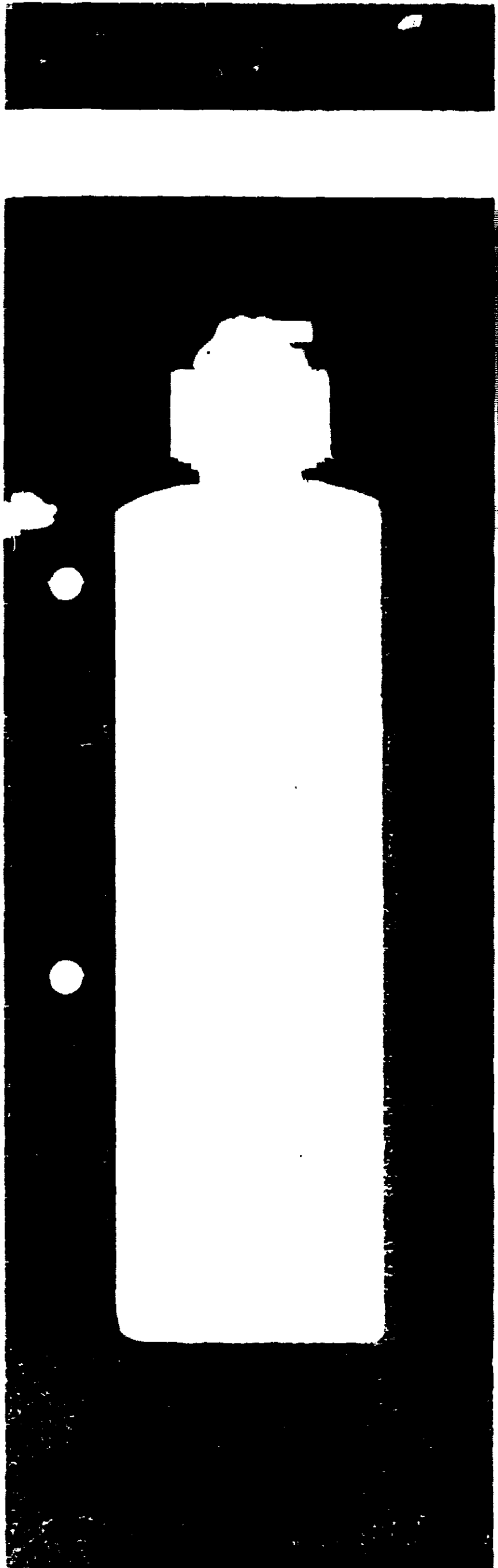


SECONDARY USES: 1:100 DILUTION

COPY F Topical Antisepsis Preoperative Scrub

AVAILABILITY - MERPENE CONCENTRATE

<u>COPY G</u>	40 ml. (1 1/3 fl. oz.) bottles	makes 1 gallon (U.S.) of 1:100 "use solution"
	8 fl. oz. bottles	makes 6 gallons (U.S.) of 1:100 "use solution"
	1 Gallon (U.S.) bottles	makes 96 gallons (U.S.) of 1:100 "use solution"



COPY A

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COPY B

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COPY C

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COPY D

COPY E

COPY F
COPY G

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LABORATORY TEST RESULTS USING DILUTION STRENGTHS AS SHOWN BELOW.

COPY H

The methods used in the following studies were those specified in Official Methods of Analysis, AOAC, 11th Edition, 1970 (except for the Prolonged Shelf Life Test).
All cultures used were derived from ATCC stock seeds.

BACTERICIDAL TEST RESULTS* (using 1:100 dilution of Merphene): #401-001

COPY I

ORGANISM	ATCC STRAIN	NUMBER OF TUBES TESTED	NUMBER OF TUBES SHOWING GROWTH AFTER 10 MINUTES
Pseudomonas aeruginosa	15442	120	0
Staphylococcus aureus	6538	120	0
Salmonella cholerasuis	10708	120	0

PHENOL COEFFICIENT TEST RESULTS* (using 1:100 dilution of Merphene): #401-007

COPY J

ORGANISM	ATCC STRAIN	TEMPERATURE	
		20° C.	30° C.
Salmonella typhosa	6539	388	500
Staphylococcus aureus	6538	216	409
Escherichia coli	11229	200	424
Streptococcus pyogenes	9342	349	550
Streptococcus mitis	903	290	490

FUNGICIDAL TEST RESULTS* (using 1:50 dilution of Merphene): #401-009

COPY K

ORGANISM	ATCC STRAIN	NUMBER OF TUBES TESTED	NUMBER OF TUBES SHOWING GROWTH AFTER 10 MINUTES
Trichophyton mentagrophytes	9533	30	0

USE SOLUTION (1:100 of Concentrate) STORAGE TEST DATA * #401-002

COPY L

ORGANISM	ATCC STRAIN	NUMBER OF TUBES TESTED EXPOSURE TIME 10 MINUTES	NUMBER OF TUBES SHOWING GROWTH AFTER 542 DAYS
Pseudomonas aeruginosa	15442	60	0
Staphylococcus aureus	6538	60	0

Storage Test Data are controlled laboratory tests to determine the time-span activity which can provide an active product, as claimed, when using tightly sealed glass storage bottles, stored at ordinary room temperature. This data is especially valuable to large hospitals, and institutions requiring the preparing of "use solution" in advance of anticipated demand.

*Copy of these Reports available upon request.

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GERMICIDAL CONCENTRATE

COPY H

GERMICIDAL TESTS

DILUTION: Merphene/Water, 1:100

COPY I

COPY J

FUNGICIDAL TEST

DILUTION: Merphene/Water, 1:50

COPY K

DILUTION: Merphene/Water, 1:100

COPY L

BARRY LABORATORIES, INC.