**SOLD TO GRADUATE VETERINARIANS ONLY**

**50% SOLUTION**

**ROCCAL®**

**POWERFUL DISINFECTANT—SANITIZER—DEODORANT**

Active ingredients — n-alkyl* dimethyl benzyl ammonium chlorides ................. 50%
* (+6% C12, 25% C14, 7% C16, 1% C8–10, and C16)
Inert ingredient — water .......... ......................................................... 50%

NOTE: This product must be diluted as directed before use. After use of entire contents, rinse empty container thoroughly with water and discard it.

**NOT FOR USE OR STORAGE IN OR AROUND THE HOME.**

**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 the concentrate. 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.

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

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**DIRECTIONS FOR USE**

**FOR GENERAL DISINFECTION OF FLOORS, WALLS, KENNELS, ANIMAL CAGES, FURNITURE, BOOTS, AND APRONS:** Clean thoroughly and rinse all surface areas before disinfecting. Then apply Roccal dilution 1:625 (1600 ppm) by mop, sponge, or spray and allow to dry. For routine sanitization of environmental surfaces where terminal disinfection is not required, use Roccal dilution 1:2500 (400 ppm).

**FOR SANITIZING UTENSILS, FOOD AND WATER DISHES, AND FOOD PREPARATION SURFACES:** Scrub and prewash with soap or detergent, and rinse thoroughly with water. Then use Roccal dilution 1:2500 (400 ppm). Dishes and other small items can be sanitized by immersion for at least two minutes in Roccal dilution 1:1250 (800 ppm), whereupon they are rinsed with water and allowed to dry.

In recommended use dilutions, Roccal is effective without premedication in water up to 400 ppm of hardness when tested by the official procedure.

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**5 GALLONS**

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**PREPARATION OF USE DILUTIONS**

Dilute with water as directed.

Do not mix with soap.*

**TO DILUTE 50% ROCCAL**

First prepare a 10% solution of Roccal by carefully adding 1 gallon of the 50% concentrate to 4 gallons of water. Stir gently and, if necessary, filter solution before bottling. A porcelain, glass-lined or stainless steel mixing tank is recommended. Use this solution to prepare use dilutions. If siphon is used, use rubber bulb to start siphoning.

**TO PREPARE USE DILUTIONS OF ROCCAL**

For Roccal 1:625 (1600 ppm), add 2 oz. (4 tablespoons) of Roccal 10% solution to 1 gallon of water and stir.

For Roccal 1:1250 (800 ppm), add 1 oz. (2 tablespoons) of Roccal 10% solution to 1 gallon of water and stir.

For Roccal 1:2500 (400 ppm), add ½ oz. (1 tablespoon) of Roccal 10% solution to 1 gallon of water and stir.

When soap or an anionic detergent is used for cleansing, rinse with water before applying Roccal.

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**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.
POLYCHEM 835 is non-corrosive in use dilutions.

1. GENERAL. DISINFECTION OF FLOORS, WALL, SURFACES, IN HOSPITAL WARDS, SCHOOLS, OPERATING ROOMS, LAVATORIES, SHOWERS, LOCKER ROOMS. Clean surfaces thoroughly. Then add 1 oz. Polychem 835 to 2 gallons water. For previously cleaned porous surfaces and surfaces difficult to clean use 1 oz. to 1 gallon of water.

2. GENERAL COLD DISINFECTION OF SURGICAL INSTRUMENTS, PATIENT SHOP AND BEAUTY PARLOR EQUIPMENT. Clean thoroughly then add 2½ oz. Polychem 835 to 2 gallons water. For surgical instruments, add 1 tablespoon of sodium nitrite per gallon of solution as a corrosion inhibitor.

3. GENERAL SANITIZING OF MILKING MACHINES AND FOOD PROCESSING EQUIPMENT. Clean thoroughly and rinse with clear potable water. Add 1 oz. Polychem 835 to 4 gallons water.

4. GENERAL SANITIZING IN KITCHENS AND RESTAURANTS, OF DISHES, GLASSWARE, EATING AND COOKING UTENSILS, GARBAGE PAILS. Clean thoroughly and rinse with clean water. Add 1 oz. Polychem 835 to 4 gallons water.

5. GENERAL SANITIZING OF HOME SUCH AS TABLES, REFRIGERATORS, TOILETS, GARBAGE PAILS AND SICKROOMS. Clean thoroughly and add 1 oz. Polychem 835 to 4 gallons water.

6. GENERAL DISINFECTING OF SHEETS, PILLOWCASES, DIAPERS, agitate solution of 4 oz. Polychem 835 per 10 lbs. clothes after washing.

7. GENERAL DEODORIZING OF SICKROOMS, BATHROOMS, GARBAGE CANS. Add 2 oz. Polychem 835 to 1 gallon water.

8. POLYCHEM 835 fulfills the criteria of Appendix F as revised March 1956 of the Milk Ordinance and code, 1953 recommendations of the U.S. Public Health Service in waters up to 850 ppm (43.7 grains per gallon of hardness calculated as CaCO₃ when tested by the Chambers' method. Consult local authorities for their recommendation in particular locales.

9. LOCKER ROOMS: To disinfect against athlete's foot fungi. Dilute 1½ oz. Polychem 835 to 1 gallon water. Scrub mats, shower stalls, runways, and other surfaces contacted by the bare feet, periodically.

CAUTION: Polychem 835 solutions should not come in contact with food. Polychem 835 should not be used with soap or anionic detergents. Harmful if swallowed. Avoid contact with skin and eyes. In case of contact flush with plenty of water. If irritation persists get medical attention. Avoid contamination of food.