

organisms through careless handling, an aseptic technic should be employed in removing instruments from solution. Do not use Coe Concentrated Germicide or similar solutions to disinfect hinged instruments, those with deep narrow crevices, or hypodermic needles and syringes. Do not place gauze in the diluted solution of Coe Concentrated Germicide or other Quarternary Ammonium compounds to prevent absorption of the active ingredients and subsequent weakening of the solution.

*So Effective For The Indicated Uses . . .*

ACTIVE INGREDIENTS: Cetyl Dimethyl Ethyl Ammonium Bromide 6.5%  
 Alkyl (C12 65%, C14 25%, C16 10%)  
 Dimethyl Benzyl Ammonium Chloride 7.4%  
 INERT INGREDIENTS: Sodium Nitrite 10.0%  
 Distilled water 76.1%

*So Economical . . .*

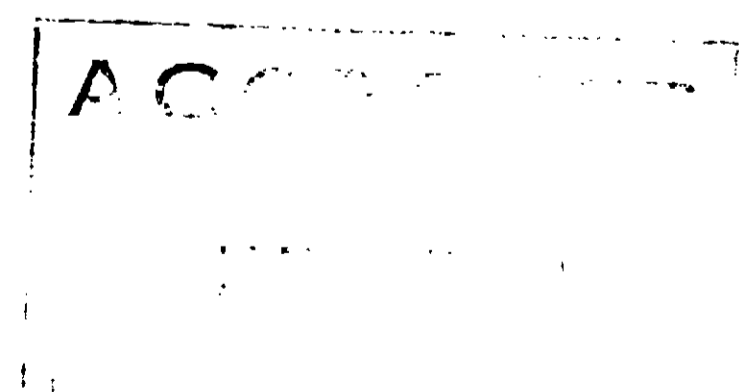
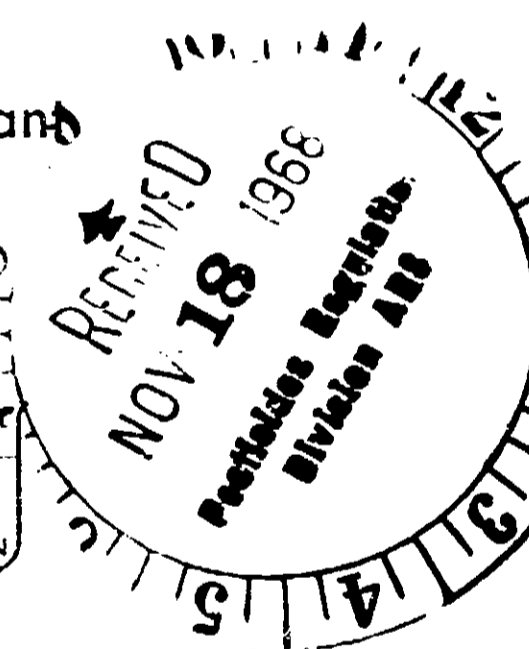
A PRODUCT OF COE LABORATORIES, INC.  
 CHICAGO, ILLINOIS 60658 MADE IN U.S.A.

U.S.D.A. Reg. No. 10214-2



**Concentrated Germicide**

an effective surface disinfectant with rust inhibitor



10214-2

## *So Easy To Use . . .*

Clean instruments thoroughly and rinse with clear water. Add 10 cc. of Concentrated Germicide to 1 quart (approx. 1 litre) of water. Use distilled water in known hard water areas. Immerse instruments in prepared solution for 15 minutes or until ready to use. Replace solution periodically.

Coe Concentrated Germicide is a specially prepared Quarternary Ammonium Surface-Active disinfectant that effectively destroys many forms of germ life. It contains no phenol, iodine, active chlorine, mercury, or other heavy metals.

In solutions of the recommended proportion, Coe Germicide is an effective germicidal disinfectant for many nonsporulating bacteria after an adequate exposure. The proper solution has low surface tension (37.4 dynes per centimeter for a 1:10,000 solution at 25.3°) and possesses detergent and emulsifying properties, which all favor wetting of surfaces to which they are applied. *Streptococcus haemolyticus* by in vitro tests is killed in 10 minutes (but not in 5 minutes) by a 1:40,000 solution at 20°,

and by a 1:95,000 solution at 37°. The corresponding dilutions are 1:20,000 for *Staphylococcus aureus*.

Coe Concentrated Germicide is a cationic detergent, whose antiseptic and detergent properties reside in the cation. It is incompatible, as are similar disinfectant solutions, with any anionic detergent, or any other organic film forming material. The article to be disinfected should first be scrubbed thoroughly with soap and water to clean and remove as many bacteria mechanically as possible. Soap should be completely removed from instruments to which Coe Concentrated Germicide or its dilutions are to be applied.

Quaternary Ammonium compounds should not be relied on to destroy spore bearing organisms, mycobacterium tuberculosis, or the etiologic agent of viral hepatitis. Instruments possibly exposed to such contamination should be thoroughly sterilized in an autoclave. They may be then stored in a closed container of fresh solution, or solution into which only previously sterilized or disinfected instruments have been introduced. Since sterilized articles that are stored in disinfecting solutions may become contaminated with pathogenic micro-

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**Contents 1 qt.—makes approx. 100 qts. solution**

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## **CAUTION**

Keep out of the reach of children. See back panel for additional precautions.

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