



# ZEPHENE HATCH KLEEN

CLEANER - DISINFECTANT - DEODORANT  
FOR HARD SURFACES IN AND AROUND CHICKEN HATCHERIES

GERMICIDAL - TUBERCULOCIDAL

CLEANS AND DISINFECTS IN ONE OPERATION — KILLS STAPH AND TYPHOSA

**ACTIVE INGREDIENTS: 37.91%**

Soap 15.00%, Isopropanol 13.21%, Potassium orthobenzoate-parachlorophenolate 5.28%, Tetrasodium ethylene diamine tetraacetate 2.00%, Potassium orthophenylphenolate 1.00%, Potassium 4-and 6-chloro-2-phenylphenolate 1.18%, Formaldehyde 0.04%, Essential Oils 0.20%.

**INERT INGREDIENTS: 62.09%**

Meets AOAC Use-Dilution Test against Staphylococcus aureus and Salmonella typhosa at a dilution of 1:128. Meets AOAC Use-Dilution Test against Pseudomonas aeruginosa at a dilution of 1:64. Kills mycobacterium tuberculosis var. bovis BCG in an invitro test at a dilution of 1:64.

An effective combination of detergents, sanitizers, and deodorants for cleaning and sanitizing floors, walls, hatching and setting trays, incubators, egg trays, racks, and similar hard surfaces.

**DIRECTIONS**

1. To clean and disinfect hard surfaces such as those named above for chicken hatcheries, depending on degree of soil, wash with a solution containing from one to two ounces per gallon of water. Allow solution to remain on surface ten minutes and rinse.
2. If surface has been cleaned, to use as a disinfectant only on above type surfaces, a dilution of one ounce per gallon of water is effective. Allow ten minutes contact time.
3. Incubators may be sanitized when not in use by taking out egg trays, nursery trays, and other readily removable parts and scrubbing as directed in (1) above. Chick down, droppings, and shell fragments should be removed from the incubator with a brush or vacuum cleaner, and the interior sprayed with a one ounce per gallon solution. Allow to remain ten minutes or more, and rinse with jet from water hose. Chick brooders and brooder rooms, when not in use, may be disinfected in a similar manner.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry, eggs, or employ equipment until treatment has been absorbed, set, or dried. All treated feeding and watering equipment must be thoroughly scrubbed with detergent and rinsed with potable water prior to re-use.

Controls the Environmental Spread of the Following Organisms:

- Pasteurella multocida (Fowl cholera)
- Salmonella gallinarum (Fowl typhoid)
- Salmonella pullorum (Pullorum disease, formerly called white diarrhea)
- S. choleraesuis
- Staphylococcus aureus (Golden Staph)
- Aspergillus fumigatus (Brooder pneumonia)
- Pseudomonas aeruginosa
- Mycobacterium tuberculosis Var. Bovis BCG

**DANGER!**

**KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Protect eyes and skin when handling. Harmful or fatal if swallowed. Avoid contamination of food. Avoid breathing spray mist. Do not use, pour, spill or store near heat or open flame.

**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 re-use.

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.

Do not re-use empty container. Wash thoroughly with water and detergent. Discard in a safe place.

E.P.A. REG. NO. 1270-174-AA

NET CONTENTS

GALLONS

MANUFACTURED BY

**ZEP MANUFACTURING COMPANY**

Division of National Service Industries, Inc.

**ATLANTA, GEORGIA 30301**

PRINCIPAL CITIES, USA AND THROUGHOUT THE WORLD

E.P.A. Est. No. 1270-GA-1

ACCEPTED  
NOV 23 1974  
UNDER THE FEDERAL PESTICIDE ACT  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED UNDER NO. 1270-174