

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 11 1990

Gabson Brothers Company  
 Chemical Division  
 1354 Enterprise Drive  
 Romeoville, Il. 60441

Attn.: Richard J. Engstrom

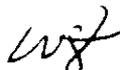
Subject: Product Name: Zinicin  
 EPA Reg. No.: 1072-5  
 Amendment of: January 24, 1990

In response to your submission concerning the label of the subject product, please note the following comments.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

Note that the signal word "Danger" and the statement, "Keep Out Of Reach Of Children" must be in 18 point and 12 point type size respectively.

Sincerely,



Walter C. Francis  
 Acting Product Manager (32)  
 Antimicrobial Program Branch  
 Registration Division (H7504C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 11 1990

Under the Federal Insecticide,  
Fungicide, and Rodenticide  
Act amended, for the  
sanitizer under EPA Reg. 1072-5



# ZINICIN™

## CHLORINATED SANITIZER

### 41483

EPA Reg. No. 1072-5  
EPA Est. No. 1072-4L-1

CONTENTS: FIFTEEN U.S. GAL. (56.8L)

#### PRECAUTIONARY STATEMENTS

##### Hazards to Humans and Domestic Animals

**DANGER:** Corrosive, may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

##### KEEP OUT OF REACH OF CHILDREN DANGER

**FIRST AID:** In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes. Call a physician. For skin, wash promptly. Remove and wash contaminated clothing before reuse.

If swallowed, drink PROMPTLY a large quantity of milk or gelatin solution. If these are not available, drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Get prompt medical attention.

**STORAGE:** Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

**PESTICIDE DISPOSAL:** Product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticides.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Keep out of lakes, streams, or ponds. Treated effluent may not be discharged into lakes, streams, ponds or public waters without a valid discharge permit. For guidance, contact the regional office of the Environmental Protection Agency.

**PHYSICAL OR CHEMICAL HAZARDS: STRONG OXIDIZING AGENT** — mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

**STATE AND LOCAL REGULATIONS:** Consult your dealer, state or local health authorities for additional information.

**KEEP FROM FREEZING:** If frozen, separation may occur. Thaw completely and mix well prior to use.

92059 REV 2/90



BABSON BROS. CO. 1880 Country Farm Dr., Naperville, IL

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. Degrades with age. Use a test kit and increase dosage as necessary to obtain required level of available chlorine.

**SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES: RINSE/IMMERSION METHOD** — A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 8 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 8 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse or immerse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight.

Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

**SANITIZATION OF POROUS FOOD CONTACT SURFACES: RINSE METHOD** — Prepare a sanitizing solution by thoroughly mixing 8 oz. of this product with 8 gallons of water to provide approximately 800 ppm available chlorine by weight. Clean surfaces in the normal manner. Prior to use, rinse/immerse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Rinse equipment with a 200 ppm available chlorine solution and do not soak equipment overnight.

**AGRICULTURAL USES: FOOD EGG SANITIZATION** — Thoroughly clean all eggs. Thoroughly mix 2 oz. of this product with 8 gallons of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature should not exceed 130°F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be reused to sanitize eggs.

**TABLE OF PROPORTIONS — AVAILABLE CHLORINE**  
200 ppm — 1 fluid oz. (30 ml) in 4 gallons (15.1 liters) water  
800 ppm — 4 fluid oz. (120 ml) in 4 gallons (15.1 liters) water

**ACTIVE INGREDIENTS:** Sodium Hypochlorite 10.5%  
**INERT INGREDIENTS:** 89.5%

BABSON BROS. CO. (Canada) LTD., Mississauga, Ont.

431  
429  
430

BALANCE OF ALL  
COPY BLACK

BLACK  
021

THIS  
CHANGE  
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SECTION