

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 18 1989

BEST AVAILABLE COPY

1. The following statements:

- Measures against circulatory shock or respiratory depression and convulsion may be needed.
- For Sale for Use and Storage by Maintenance Personnel Only.

2. Change the decimal points in the ingredients percentage values.

3. Change the word "milk".

4. Change the last end of the word "acutely" (mildly irritant).

5. Numerous sections of the label is blurry. Refer to previously stated label for guidance and especially checking the use instructions.

58307: I: VG: L-5: KENCO: 10/17/89: 11/29/89: AS: sw: vo: dg

CONCURRENCES

SYMBOL							
SURNAME							

- c. Reverse the word "Percent" to read "Ingram" (upper left panel).
  - d. Delete the word "etc" right panel (two locations).
2. Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of this letter and its enclosure for your records.

If you have any questions concerning this letter, contact Valdis Goncarous at (703) 727-2663.

Sincerely yours,

John H. Lee  
 Product Manager (31)  
 Antimicrobial Program Branch  
 Registration Division (H75050)

Enclosure

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**Note:** HGC 64 has been formulated to aid in the reduction of cross contamination in institutions, schools and hospitals. HGC 64 is a one-step disinfectant-cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal and will prevent the growth of mold and mildew and their odors when used as directed. HGC 64 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, HGC 64 will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

**Keep out of reach of children.** Corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

**Storage and Disposal**

- Do not contaminate water, food, or feed by storage/disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of insecticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL**

**Triple rinse** (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.  
**Metal Container Triple rinse** (or equivalent) then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (If container is 1 gallon or less, use this container disposal statement.)  
Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

**HGC 64**

**Disinfectant-Cleaner-Sanitizer-  
Fungicide-Mildewstat-Virucide-Deodorizer  
with Organic Soil Tolerance for Hospitals  
Institutional and Industrial Use**

**Active Ingredients**

Oxyl decyl dimethyl ammonium chloride	1.24%
Dioctyl dimethyl ammonium chloride	1.57%
Didecyl dimethyl ammonium chloride	0.57%
Alkyldimethylammonium chloride (30% C16, 10% C18)	1.92%

**Inert Ingredients**

96.20%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

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 circulation shock, respiratory depression, and convulsion may be needed.

**SEE LEFT PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

EPA Registration No. 10208-2  
EPA Establishment No. 10208-MO-01  
Net Contents 1 Gallon

**MANUFACTURED BY:**  
**Hohn Manufacturing, Inc.**  
**200 Sun Valley Circle**  
**Fenton, Mo. 63026**

**For Sale For Use And Storage By  
Maintenance Personnel Only**

**Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Note:** HGC 64 is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil.

Apply HGC 64 to walls, floors and other hard (inanimate, non-porous) surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surface. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when used solution becomes visibly dirty.

**Distribution:** to disinfect hard, non-porous surfaces, treated surfaces must remain wet for 10 minutes.

**For hospitals and nursing homes, add 2 oz. per gallon of water.** The activity of HGC 64 has been evaluated in the presence of 5% serum by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

<i>Pseudomonas aeruginosa</i>	<i>Staphylococcus aureus</i>	<i>Streptococcus faecalis</i>	<i>Shigella dysenteriae</i>
<i>Enterobacter aerogenes</i>	<i>Salmonella choleraesuis</i>	<i>Shigella dysenteriae</i>	<i>Brevibacterium ammoniagenes</i>
<i>Salmonella choleraesuis</i>	<i>Escherichia coli</i>	<i>Streptococcus faecalis</i>	
<i>Serratia marcescens</i>			

**For schools, non-medical institutional and industrial uses:** At 1 oz. per gallon of water, HGC 64 delivers excellent cleaning and germicidal effectiveness. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Escherichia coli*. The same AOAC test used above to confirm suitable performance for hospitals were used.

**Fungicidal Performance:** HGC 64 at 1 oz. per gallon is an effective fungicide against *Trichophyton mentagrophytes*, the athlete's foot fungus when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc.

**Mold and Mildew Control:**

At 1 oz./gallon, HGC 64 will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

**Virucidal Performance:**

At 1 oz./gallon use-level, HGC 64 was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A/Brazil, Herpes Simplex Type 1 and Varicella on inanimate environmental surfaces.

**Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables, etc.):** At 1/2 oz./gallon use-level, HGC 64 is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

ACCEPTED  
W/OUT RESERVATION  
in EPA  
OCT 1 1988

10208-2

