

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Madison Bionics  
A Division of Systems General, Inc.  
1630 East Northgate Drive  
Irving, TX 75062

Attention: Kelly K. Rahn  
Technical Services Chemist

Gentlemen:

Subject: Hygenite  
EPA Registration No. 6962-15  
Your Submission Dated July 19, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
  - a. Delete all sanitization claims on the label.
  - b. The words "Corrosive. Causes eye and skin damage" must be placed before "Harmful If Swallowed."
  - c. Delete the word "milk."
  - d. Revise your use directions to read:
    - . . . glass, porcelain, shower stalls,  
and other nonfood contact surfaces.
  - e. Delete the phenol coefficient section.
  - f. Include a separate heading and instructions for cleaning surfaces.

56344:1:WP5.0:DeLaney:C.Disk:KENCO:10/22/90:de:VO:EF:DD

CONCURRENCES

SYMBOL	SURNAME	DATE					

- g. In the disinfection section, after "wet all surfaces with Hygenite," include the statement "leave on surface for 10 minutes." Also indicate that "prior to disinfection," surfaces must be cleaned.
- h. Delete the word "specimen" on the label.
- i. Delete the phrase "Wherever people gather."


Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

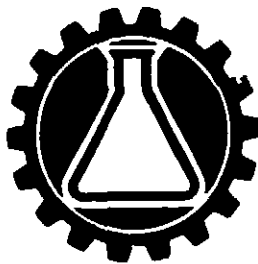
A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,

John H. Lee   
 Product Manager (31)  
 Antimicrobial Program Branch  
 Registration Division (H7505C)

Enclosure



CHEMICAL  
TOOLS  
FOR

INDUSTRY  
Under the Federal  
Insecticide, and Fungicide,  
and Rodenticide Act,  
registered under EPA Reg. No.  
6962-15

SCUM  
REMOVER

NOV 07 1988

with  
in EPA Reg. No. 6962-15

# HYGENITE™

## DISINFECTANT DETERGENT

BACTERICIDE  
VIRUCIDIC  
FUNGICIDE

**ACTIVE INGREDIENTS**  
alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%) dimethyl  
benzyl ammonium chloride 5.10%  
**INERT INGREDIENTS** 94.80%  
**TOTAL** 100.00%

**DANGER**  
**KEEP OUT OF REACH**  
**OF CHILDREN**

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

**ANIMALS**  
**DANGER**  
Harmful if swallowed. Do not get in eyes, on skin,  
on clothing. Corrosive. Causes eye and skin  
damage. Wear goggles or a face shield and rubber  
gloves when handling.

**NOTE TO PHYSICIAN:** Probable mucosal damage  
may contraindicate the use of gastric lavage.  
Measures against circulatory shock, as well as  
oxygen and measures to support breathing,  
manually or mechanically, may be needed. If  
persistent convulsions may be controlled by the  
cautious intravenous injection of a short acting  
barbiturate drug.

**STATEMENT OF PRACTICAL TREATMENT**  
**IF SWALLOWED:** Drink large quantities of  
raw egg whites, gelatin solution or, if these are  
not available, drink large quantities of water. Call  
a physician or Poison Control Center immediately.  
Do not induce vomiting or give anything by mouth  
to an unconscious person.  
**IF INHALED:** Remove the victim to fresh air. Apply  
artificial respiration if indicated.  
**IF ON SKIN:** Remove contaminated clothing and  
wash affected areas with soap and water.  
**IF IN EYES:** Flush the eyes with plenty of water.  
Call a physician immediately.  
HYGENITE exhibits the following superior in use  
characteristics:

EXCELLENT CLEANING PROPERTIES  
LOW SURFACE TENSION FOR PENETRATION  
HIGH CHELATING ACTION  
FOR FILM SCUM REMOVAL

**POWERFUL DEODORIZING PERFORMANCE**  
HYGENITE has been proved to be effective  
against a wide variety of Pathogens that are found  
in hospitals, nursing homes, ~~factories, schools,~~  
offices, ~~factories, schools,~~  
factories, ~~factories, schools,~~ schools,  
offices, ~~factories, schools,~~  
HYGENITE is harmless on all water washable  
surfaces such as equipment, floors, walls,  
woodwork, water-safe paints, wall tile, glass,  
porcelain, shower stalls, ~~factories, schools,~~

HYGENITE inactivates the viruses Herpes simplex  
(cold sores) and influenza A<sub>2</sub> virus (Hong Kong flu)  
on inanimate environmental surfaces.  
HYGENITE passes the use dilution test (A O A C 1)  
required for use as a hospital germicide against  
Staphylococcus aureus, Salmonella choleraesuis  
and Pseudomonas aeruginosa at a dilution of 1  
part to 100 parts of water (1-1/2 ounces per gallon).  
HYGENITE's performance properties enable it to  
aid in improving and maintaining the high  
conductivity characteristics of operating room  
floors.

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

**STORAGE AND DISPOSAL**  
Do not contaminate water, food or feed by storage  
or disposal.  
**Storage:** Keep container closed. Avoid  
contamination of food.  
**Pesticide Disposal:** Pesticide wastes are acutely  
hazardous. Improper disposal of excess pesticide  
spray mixture, or rinsate 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 of the nearest  
EPA regional office for guidance.

20, 25 and 55 gallon drums - Triple rinse (or  
equivalent). Then offer for recycling or  
reconditioning, or puncture and dispose of in a  
sanitary landfill, or by other procedures approved  
by state and local authorities.

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**Sanitizing of Food Processing Equipment and other Hard Surfaces in Food Contact Locations.**

For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard surfaces. **No potable water rinse is required.**

Wash and rinse all articles thoroughly, then apply a solution of 3/4 oz BARDAC 20-10 in 4 gallons of water. (150 ppm active). Surfaces should remain wet for at least one minute followed by adequate draining and air drying. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application, use solution may not be reused for sanitizing applications.

Apply to sink tops, counter tops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush. **No potable water rinse is required.**

Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 3/4 oz /4 gallon dilution of BARDAC 20-10. **No potable water rinse is required.**

At 3/4 oz /4 gallons, BARDAC 20-10 fulfills the criteria of appendix F of the Grade "A" Pasteurized Milk Ordinances 1978 Recommendations of the U.S. Public Health Services in water up to 400 ppm of hardness calculated as CaCO<sub>3</sub> when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus aureus. The udders, flanks, and teats of dairy cows can be sanitized by washing with a solution of 3/4 oz. BARDAC 20-10 in 4 gallons of warm water. **No potable water is required.**

Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

**Precautionary Statements**  
**Hazardous to Humans and Domestic Animals**

**DANGER**

Keep Out of Reach of Children. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food.

**Storage and Disposal**

Do not contaminate water, food, or feed by storage or disposal. Store upright on side. Avoid breathing or impacting of side walls.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinsate 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.

1131 6836-65

1 of 1

**BARDAC 20-10**

Disinfectant-Sanitizer  
Fungicide Deodorizer  
with Organic Tolerance  
for Hospital, Institutional, Industrial,  
School, Dairy and Other Farm Use

ACCEPTED  
NOV 07 1980  
EPA Reg. No. 6836-65

**Active Ingredients**

Octyl decyl dimethyl ammonium chloride	5.0%
Didecyl dimethyl ammonium chloride	3.0%
Dioctyl dimethyl ammonium chloride	2.0%
<b>Inert Ingredients</b>	90.0%
	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**

**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 circulatory shock, respiratory depression, and convulsion may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 6836-65  
EPA Establishment No. 6836-IL-1  
Net Contents

MANUFACTURED BY

LOHZA INC., 17-17 Route 208, Fair Lawn, N.J. 07410

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.

Apply BARDAC 20-10 with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when use solution becomes visibly dirty.

**Disinfection in Hospitals, Nursing Homes and Other Health Care Institutions**

For disinfecting floors, walls, countertops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard non-porous surfaces.

Add 3 1/2 oz BARDAC 20-10 to 4 gallons water. Apply to previously cleaned hard surface with mop or cloth.

At this use-level, BARDAC 20-10 is effective against Pseudomonas aeruginosa when evaluated by the AOAC Use-Dilution Test.

BARDAC 20-10 is effective against Staphylococcus aureus and Salmonella choleraesuis even in the presence of organic soil and residual anionic detergents when used at 3 oz /5.5 gallons. **Disinfectant in Institutions, Industry and Schools**

For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard non-porous surfaces.

Add 1 oz of BARDAC 20-10 to 5.5 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

**Disinfection of Barber Tools**

Precleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 1/2 oz /gallon solution of BARDAC 20-10.

**Disinfection of Poultry Equipment, Animal Quarters and Kennels**

Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 3 1/2 oz BARDAC 20-10 to 4 gallons of water with a mop, cloth or brush. Small utensils should be immersed in this solution.

Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry, or other animals, or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

**PELIGRO:**

SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

**BEST AVAILABLE COPY**

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56-344-1:WP5.0:DeLaney:G. Task:R1100:10/22/90

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