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**Bio-Guard RD-10**

When used as directed, this product is an effective disinfectant, deodorant, and sanitizer. When used as a sanitizer, food contact surfaces, equipment, and utensils can be air dried after immersion in a 1 oz./4 gallon solution without a potable water rinse.

When used as directed, this product mixes with water to form clear, stable use solutions that are non-corrosive and non-staining to most common metals, plastics, and tile.

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

Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Avoid breathing spray mist.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES Permit. Do not contaminate water by cleaning of equipment or by disposing of wastes.

**DISPOSAL:** Do not reuse empty container. Wrap container and put in trash collection.

**USE DIRECTIONS  
GENERAL CLASSIFICATION**

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

**DISINFECTION IN HOSPITALS, RESTAURANTS, COMMERCIAL AND INDUSTRIAL OFFICES, RESTROOMS AND WORK AREAS.** This product may be used on floors, walls, woodwork, bed frames, and furnishings. Types of surfaces suitable for disinfection include glass, smooth metal, washable painted wood or metal, vinyl, glazed porcelain, plastic, finished leather, finished wood and similar non-porous, hard, smooth surfaces.

Always preclean surfaces with a suitable detergent and rinse well with water before disinfection. After cleaning, apply a solution containing 1 ounce of Disinfectant per gallon of water for usual disinfecting applications. For disinfecting contagious disease areas, use 1 1/2 ounces per gallon of water.

**BEST DOCUMENT AVAILABLE**

**DISINFECTANT Q-10**

**DISINFECTANT-SANITIZER-  
DEODORANT**

**ACTIVE INGREDIENTS:**

Alkyl (C <sub>10</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%)	
dimethyl benzyl ammonium chloride .....	10.00%
INERT INGREDIENTS: .....	90.00%
TOTAL INGREDIENTS .....	100.00%

This product fulfills the criteria of Appendix F of the Grade "A" Pasturized Milk Ordinance 1965. Recommendations of the U.S. Public Health Service in waters up to 700 ppm of hardness calculated as CaCO<sub>3</sub> when tested by the A.O.A.C. Germicidal and Detergent Sanitizers - "Official Method".

\*This disinfectant is effective at 1 oz./gal. against *Pseudomonas aeruginosa* PRD-10, *Salmonella choleraesuis* ATCC 10708, and *Staphylococcus aureus* ATCC 6538 when tested by the A.O.A.C. Use Dilution Test Method for precleaned, non-porous hard surfaces.

\*This disinfectant is an effective virucide against Influenza virus, Type A, Brazil at 1 oz./gal. on precleaned, non-porous hard surfaces.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

(See additional precautions on side panel)

**PRACTICAL TREATMENT (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 reuse. If swallowed, drink promptly a large quantity of milk, raw egg whites, gelatin solution or, if these are not available, drink a large quantity 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.

EPA Reg. No. 40202-

EPA Est. No. 40202-WA-01

**FOR INDUSTRIAL, COMMERCIAL OR MEDICAL USE ONLY**

Manufactured by:

NET CONTENTS:

Formula Corporation  
420 S. 66th St., Suite 20  
Seattle, Wa. 98108

1 U.S. Gal.

The use solution should be applied using a clean mop, sponge, or by a mechanical spraying device. Surfaces must remain moist for at least 10 minutes to assure proper germicidal action. Food contact surfaces treated with this concentration of disinfectant must be rinsed with potable water before reuse. Prepare fresh solutions daily. Discard solutions when visibly soiled.

**SANITIZATION OF FOOD CONTACT SURFACES, GLASSWARE, SILVERWARE, DISHES, COOKING UTENSILS, MILK CANS, AND EQUIPMENT IN FOOD PROCESSING PLANTS, MEAT PLANTS, DAIRIES, AND RESTAURANTS.** Scrape or flush away gross soils and clean with a suitable detergent. Rinse thoroughly with potable water, then apply a sanitizing treatment of 1 ounce of THIS PRODUCT in 4 gallons of water (200 ppm active sanitizer). The sanitizing treatment may be applied by immersion, flooding, flushing, spraying or with a clean cloth or mop. All surfaces must be thoroughly wet for 1-2 minutes for proper sanitization. Allow treated items to drain thoroughly and air dry. Do not use a towel. No rinsing is required. Where possible, invert treated items (glassware, dishes, utensils, milk cans, etc.) and let them drain and air dry on a clean surface. Prepare fresh solutions daily or more often if solutions become diluted or soiled.

**FLANK AND UDDER WASHING.** Use 1 ounce of Disinfectant per 4 gallons of water. Use a separate clean towel for each cow. Never dip a used towel back into the disinfectant solution. Prepare a fresh solution for each milking. Prepare solution in non-corrodible containers (stainless steel, plastic). Discard solutions if they become visibly soiled or turbid. To prevent residues in milk, allow udder to air dry or dry with clean towel before attaching to milker.

**FOR DEODORIZING GARBAGE CANS, GARBAGE TRUCKS, INDUSTRIAL WASTE RECEPTACLES, AND GARBAGE HANDLING EQUIPMENT -** Preclean with a suitable detergent and rinse well. Then, apply a wetting solution of 2 oz. of THIS PRODUCT per gallon of water.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAY 07 1984

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
49292-3

<p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b>  OFFICE OF PESTICIDES PROGRAMS  REGISTRATION DIVISION (BH-567)  WASHINGTON, D.C. 20461</p> <p><b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION  <input checked="" type="checkbox"/> REREГИSTRATION  <i>(Under the Federal Insecticide, Fungicide  and Rodenticide Act, as amended.)</i></p>	EPA REGISTRATION NO.	DATE OF ISSUANCE <b>07 MAY 1984</b>
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
<p align="center">96</p>		
<p><b>NOTE:</b> Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

11329-3

disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL

**For Metal Containers:**

Triple rinse (or equivalent). Then offer for recycling or by other approved state and local procedures.

**For Plastic Containers:**

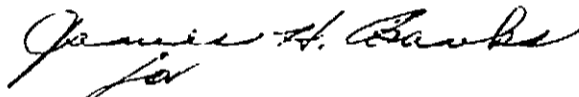
Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

The heading "STORAGE AND DISPOSAL" must be of the same type size as a child hazard warning statement.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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

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



John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosures

RD:DIS:DCR-44213:J.Lee:cml:RAVEN:557-2226:CBI-12:5/2/84:Del.5/17/84