

ACCEPTED
with COMMENTS
in EPA Label Draft

MAY 22 1984

BENDA BMD

DIRECTIONS FOR USE

General Classification

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

Benda BMD detergent/disinfectant has been designed specifically for hospitals, offices, motels, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance

DISINFECTION-To disinfect hard inanimate surfaces (such as walls, floors, table tops), apply solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry

DILUTION RATES-General Disinfection-add 4.5 ounces Benda BMD per gallon of water. Hospital Disinfection-add 6 ounces Benda BMD per gallon of water.

To disinfect toilet bowls, flush toilet, add 4.5 ounces Benda BMD detergent/disinfectant directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush

For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use

MILDEWSTAT-To control mold and mildew on pre-cleaned hard non-porous surfaces (such as floors, walls, table tops) add 4.5 ounces Benda BMD per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears

SANITIZATION-To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary Benda BMD solution by adding 8 ounces Benda BMD to 5 gallons of water

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm Benda BMD solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Remove and Rinse thoroughly with POTABLE WATER. Prepare a fresh solution for each use

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm Benda BMD solution for at least 60 seconds making sure to immerse completely. Remove and Rinse thoroughly with POTABLE WATER. Prepare a fresh solution daily or more frequently as soil is apparent

PRECAUTIONARY STATEMENTS

Hazard to Human and Domestic Animals
WARNING

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

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 all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed

**CLEANER
DETERGENT
DEODORIZER
SANITIZER
MILDEWSTAT** (on hard inanimate surfaces)

**DISINFECTANT
FUNGICIDE** (against pathogenic fungi)

ACTIVE INGREDIENTS:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)
dimethyl benzyl ammonium chlorides 0.80%
n-Alkyl (68% C12, 32% C14)
dimethyl ethylbenzyl ammonium chlorides 0.80%
Total 100.00%

INERT INGREDIENTS

EPA REG. NO.
EPA EST. NO. 10818-MA-01

ONLY FOR SALE TO, USE,
AND STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN WARNING

see side panels for additional precautionary statements

BEST DOCUMENT AVAILABLE



P.O. BOX 106, 35 NORTH STREET, CANTON, MA. 02021
617-7405, IN MA. 1-800-532-9650, OUTSIDE MA. 1-800-343-7783

NET CONTENT

Benda BMD is a heavy duty cleanser, disinfectant and sanitizer designed for general household use, schools, motels, offices, kitchens, food/processing plants and light industrial and hospital applications where heavy duty cleaning is of prime importance. When used as directed, Benda BMD formulated to disinfect inanimate hard surfaces (such as walls, floors, sink tops, toilet bowls, tables, chairs and telephones). For larger areas, such as patient care facilities and restrooms, the product is designed to aid in heavy duty cleaning and disinfecting. It is designed to aid in controlling the hazard of cross contamination in areas where heavy duty cleaning is necessary

When used as directed, Benda BMD will remove most household dirt in a single simple application.

In addition, Benda BMD deodorizes those areas which are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms

DISINFECTION-At 4.5 ounces per gallon dilution, Benda BMD exhibits effective disinfectant activity against the organisms: Salmonella choleraesuis, Staphylococcus aureus, and E. Coli

At this level the product is also fungicidal against Pathogenic fungi, Trichophyton mentagrophytes

At 6 ounces per gallon dilution, Benda BMD is an effective hospital disinfectant and demonstrates disinfectant activity against Pseudomonas aeruginosa

Efficacy tests have demonstrated that Benda BMD is an effective bactericide and fungicide in the presence of organic soil (5% blood serum)

MOLD and MILDEWSTAT Benda BMD prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces at 4.5 ounces per gallon dilution.

SANITIZATION-When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200 ppm. At this level POTABLE WATER RINSE is required. Heavily soiled areas should be pre-cleaned and rinsed thoroughly before sanitization. Benda BMD is an effective sanitizer when diluted in water up to 500 ppm hardness (CaCO3).

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER
- PESTICIDE DISPOSAL-Pesticides that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide
- CONTAINER DISPOSAL-Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers.

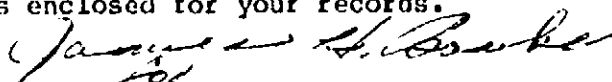
U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (HH 567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE 12 MAY 1984
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREISTRATION <i>Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended.</i>	NAME OF PESTICIDE PRODUCT	
	NAME AND ADDRESS OF REGISTRANT (include ZIP code)	
<p>NOTE: 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

3. The confirmatory data submitted February 28, 1984, are acceptable and have been assigned the Accession Number 2526743.

4. 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

DCR-04997:J.Lee:Raven:557-2226:tar:RD-49:5/18/84:De1.6/2/84