

PM 34

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510W)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
45735-20

Date of Issuance:
AUG - 7 1998

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
DEFUNGE 2 OBPA (DIDP)

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

M. Blum, General Manager
Burlington Scientific Corp.
222 Sherwood Ave
Farmingdale, NY 11735-1718

Note: Changes in labeling 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 EPA registration number.

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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

a. Under DIRECTIONS FOR USE:

In the second paragraph you must delete the Statement "If growth of bacteria and mold in the treated article would lead to unpleasant odors and discoloration of the treated article, then such a claim may be made."

b. Under DIRECTIONS FOR USE:

In a Bold letters formate, add the following:

NOTICE TO USERS: This product should not be used on items which come into contact with food stuffs nor items of clothing or infant wear. Restrictions encompass all food grade paper coatings, paper and paperboard, and adhesives.

Signature of Approving Official:

Adam Heyward, Product Manager (team 34)
Regulatory Management Branch II
Antimicrobials Division (7510W)

Date:

AUG - 7 1998

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- c. Revise the EPA Registration Number to read, "EPA Reg. No. 45735-20".
- d. Submit five copies of the revised final printed label for the record.

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.

If you have any questions, please contact Nader Elkassabany at (703) 308-8783.

Sincerely,

Nader Elkassabany

for Adam Heyward
Team Leader (34)
Regulatory Management Branch II
Antimicrobial Division (7510W)

DEFUNGE™ 2 OBPA (DIDP)

Bacteriostatic & Fungistatic Additive for Plastics

Active Ingredient:	
10,10'-oxybisphenoxarsine	2.0%
(Total arsenic as elemental As-0.6%)	
(Water soluble arsenic as elemental As- less than 0.01%)	
Inert Ingredients:	98.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

ACCEPTED
with COMMENTS
in EPA Letter Dated:

KEEP THIS LABELING BEFORE USING

AUG - 7 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **45735-20**

EPA REGISTRATION NO. 45735-

EPA EST. REGISTRATION NO. 45735NY-001

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed. Do not get in eyes, on skin or clothing. Do not breathe vapor or spray mist. Wear goggles or face shield, protective clothing and rubber gloves, a mask or a pesticide respirator jointly approved by MSHA (Mine Safety and Health Administration) and NIOSH (National Institute of Occupational Safety and Health). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged and frequently repeated contact may cause allergic reaction in some individuals.

See right panel for additional precautions.

BURLINGTON BIO-MEDICAL & SCIENTIFIC CORP.
222 Sherwood Avenue, Farmingdale NY 11735 USA

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Call physician. Flush with a gentle steady stream of water for 15 minutes.

If on skin: Wash with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

If swallowed: Call physician or poison control center. Drink promptly a large quantity of milk, egg white or gelatin mixture, or if these are not available a large quantity of water. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, birds and mammals. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and unless the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment authority. For guidance contact your State Water board or Regional Office of EPA.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Container Disposal: Triple rinse empty containers and offer for recycling. Metal drums that cannot be reconditioned and recycled should be punctured or crushed and disposed of in a landfill, or by other procedures approved by state and local authorities.

Pesticide Disposal: Pesticide wastes are toxic. 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 at the nearest EPA Regional Office for guidance.

DIRECTIONS FOR USE

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

DEFUNGE 2 OBPA (DIDP) is an antimicrobial solution for industrial use. It is designed to be incorporated into the materials listed in the Technical Use Bulletin to impart antimicrobial activity to the manufactured materials and products. Bacterial and fungal growth cause permanent staining or discoloration, embrittlement and premature failure of finished products. DEFUNGE 2 OBPA (DIDP) will help preserve product integrity by suppressing bacterial and fungal growth in treated products.

Products containing DEFUNGE 2 OBPA (DIDP) may not make claims of antimicrobial activity other than protection of the article itself against growth of bacteria and mold in the treated article. If growth of bacteria and mold in the treated article would lead to unpleasant odors and discoloration of the treated article, then such a claim may be made.

DEFUNGE 2 OBPA (DIDP) is a formulation of 10,10'-oxybisphenoxarsine specifically designed for compatibility with flexible vinyl systems. It may also be used as a preservative in plastic products, adhesives, coatings and specialty products, textiles and textile fibers, and resin, latex and polymer emulsions. Please consult the Technical Use Bulletin on DEFUNGE 2 OBPA (DIDP) for full information.

A level of 1.5% DEFUNGE 2 OBPA (DIDP) based on total weight of the final treated product will give excellent control against bacteria and mold organisms. For certain items which may be subjected to extended outdoor weathering, a level of 2.5% should be evaluated.

Do not use DEFUNGE 2 OBPA (DIDP) where the treated plastic materials can come in contact with humans or pets or be used as food or feed packing material or as food contact surfaces.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and/or handling of this material when such use and/or handling is contrary to label.

LOT NO. _____ NET CONTENTS. _____

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ACCEPTED
with COMMENTS
in EPA Letter Dated:
AUG - 7 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **45735-20**



BURLINGTON
BIO-MEDICAL & SCIENTIFIC CORP.

222 SHERWOOD AVENUE, FARMINGDALE NY 11735-1718 USA • TEL: 516-694-9000 • FAX: 516-694-9177

TECHNICAL USE BULLETIN

DEFUNGE 2 OBPA Bacteriostatic and Fungistatic Additive for Plastic Compounds

DESCRIPTION

DEFUNGE 2 antimicrobials are solutions of 10,10'-oxybisphenoxarsine (OBPA) in selected nonvolatile plasticizer carriers. They are recommended for PVC, polyurethane and other plastics and synthetic rubbers. Low concentrations of DEFUNGE 2 antimicrobials will provide long-term protection of treated articles against a broad spectrum of bacterial and fungal deterioration and will help prevent musty odors, permanent staining, embrittlement, and premature product failure due to growth of organisms in the finished product.

APPLICATION

DEFUNGE 2 antimicrobials are recommended for polyvinyl chloride, polyurethane, silicone and latex polymers. Applications include:

Vinyl film and sheeting - pool liners, pond liners, ditch liners, waterbed liners, shower curtains, protective covers, mats, insulators, barrier films.

Extruded profiles - automotive moldings, weather stripping, appliance gasketing, wire and cable jacketing, foam gaskets, floor moldings.

Plastisols - Vinyl flooring, laminating adhesives for industrial coated fabrics, adhesives for vinyl, ceramic and rubber flooring, adhesives for windows, grout and pipe sealants, sail cloth.

Molded goods - Vinyl floor tile, waste containers, injection molded automotive parts, shoe soles.

Coated fabrics - Wallcoverings, upholstery, pillow and mattress ticking, backlit signs, awnings, tents, tarpaulins, protective covers, aprons, barrier fabrics.

Coatings/Sealants - Industrial urethane coatings, artificial leather, sail cloth, raincoats, silicone caulks for bathroom and industrial use, carpet backing.

Foams - Pillow and mattress foam, carpet underlay, gaskets, shoe soles.

DEFUNGE 2 solutions are compatible with most polymer formulations and will not discolor or detract from the protected product's chemical or physical properties. DEFUNGE 2 products can be conveniently incorporated into the formulation.

(Over)