

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:

 x Registration
 Reregistration

(under FIFRA, as amended)

EPA Reg.
Number:

3377-45

Date of Issuance:

AUG 12 1987

Term of Issuance:

Conditional

Name of Pesticide Product:

BQ451-8 Biocide

Name and Address of Registrant (include ZIP Code):

Albemarle Corporation
451 Florida Street
Baton Rouge, LA 70801

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 above 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:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label change:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 3377-45".

3. Submit two 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.

Signature of Approving Official:

John L. Mink

Date:

AUG 12 1987

EPA Form 8570-6

CONCURRENCES

SYMBOL	1510W								
SURNAME	J. L. Mink								
DATE	10/28/90								

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

DANGER

CORROSIVE: Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

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

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

FIRST AID

In case of contact: Immediately flush the 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 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.

EPA Reg. No. 3377-
EPA Est. No. 10324-IL-01

090497

ALBEMARLE®

BQ451-8 Biocide

Concentrated for the formulation of sanitizers, disinfectants, and water treatment microbicides.

Active Ingredients:

n-Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₀) dimethyl	
benzyl ammonium chloride	80.0%
Inert Ingredients:	20.0%
TOTAL	100.0%

**KEEP OUT OF REACH OF
CHILDREN
DANGER**

See left panel for first aid and additional precautionary statements.

NET CONTENTS: 55 Gallons

Albemarle Corporation
451 Florida Street
Baton Rouge, LA 70801

DIRECTIONS FOR USE

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

FOR MANUFACTURING USE ONLY. Refer to Technical Bulletin for additional product information and recommended uses. Formulators using this product are responsible for EPA registration of their formulated products.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

STORAGE INSTRUCTIONS

Store in original container. Keep from freezing.

SPILL OR LEAK PROCEDURES

Small spills may be mopped up, flushed away with water, or absorbed on some absorbent material and incinerated. Large spills should be contained, the material then moved into containers and disposed of by approved methods for hazardous wastes.

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 the 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 by other procedures approved by state and local authorities.

GENERAL

Consult Federal, State or local disposal authorities for approval of alternative procedures such as limited open burning.

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

AUG 12 1997

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

3377-45

2 of 4

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 12 1997

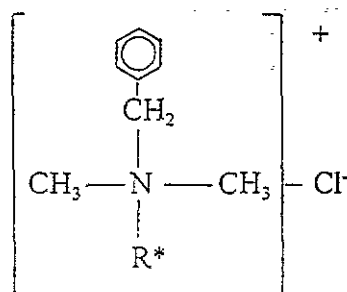
ALBEMARLE®

TECHNICAL BULLETIN

BQ451-8 Biocide EPA Reg. No. 3377-

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

3377-45



n-Alkyl *(50% C₁₄, 40% C₁₂, 10% C₁₆)
dimethyl benzyl ammonium chloride

I. Statement of Ingredients:

Active Ingredients:

n-Alkyl(50% C₁₄, 40% C₁₂, 10% C₁₆) dimethyl benzyl ammonium chloride . . . 80.0%

Inert Ingredients: . . . 20.0%

TOTAL . . . 100.0%

II. Chemical and Physical Properties:

- A. Appearance: A clear to light straw in color- liquid
- B. pH (10% solution in distilled water): 6.0-8.0
- C. Color (APHA): 100 max.
- D. Average molecular weight: 358
- E. Compatibility: This product is cationic and therefore is incompatible with soap and anionic surfactants. It is compatible with nonionics and other cationics.
- F. Corrosion: At use dilution it is non corrosive to most plastics, natural rubber and monel metal. Corrosive to iron, bronze, brass, aluminum, lead, tin and copper.

III. Instructions for Formulators:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Formulators using this product are responsible for EPA and State registrations for their formulated products. All products in which a claim is made of a germicidal, algaecidal, bactericidal nature are required to be registered with the Environmental Protection Agency in Washington, DC.

IV. Germicidal data available on request.

V. MSDS and toxicity studies on request.

NON-WARRANTY STATEMENT:

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents.

Albemarle Corporation

451 Florida Street • Baton Rouge, Louisiana 70801