

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

EPA Reg.
Number:

3377-36

Date of Issuance:

AUG - 5 1997

NOTICE OF PESTICIDE:

 x Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

BQ1416-5

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 changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 3377-36".

b. Revise your technical bulletin by removing any information referring to a 80% formulation. Since the product is labeled as 50% active ingredients, the information regarding 80% is not appropriate.

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.

CONCURRENCES		Date:
SYMBOL	Signature of Approving Official: <i>John M. [Signature]</i>	8-5-97
SURNAME	<i>John M. [Signature]</i>	
DATE	8-5-97	

**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. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

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.

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.

Formulators are required to add the following label statement to their end use product labels.

Do not use water containing residue from use of this product to irrigate crops used for food or feed.

ALBEMARLE®

BQ1416-5 Biocide

For use by manufacturers only in formulating microbicides, disinfectants, sanitizers, and fungicides and water treatment microbicides.

Active Ingredients:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl
benzyl ammonium chloride 50.0%

Inert Ingredients: 50.0%

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**

**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 instruction, contact you 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.

EPA Reg. No. 3377-

EPA Est. No. 10324-IL-01

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

AUG - 5 1997

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

070197

3377-36

2 of 4

ALBEMARLE®

TECHNICAL BULLETIN

BQ1416 Biocide

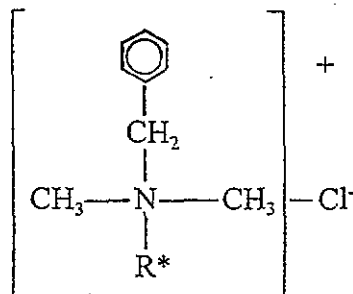
EPA Reg. No. 3377

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3377-36



n-Alkyl *(60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chloride

I. Statement of Ingredients:

Active Ingredients:

n-Alkyl(60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chloride

Inert Ingredients:

TOTAL

80%

50%

80.0%

50.0%

20.0%

50.0%

100.0%

100.0%

II. Chemical and Physical Properties:

- A. Appearance: Clear to light straw in color liquid
- B. pH (10% solution in distilled water): 6.0-8.0
- C. Color (APHA): 150 Max 100 Max
- D. Average molecular weight: 380
- 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, algacidal, bactericidal nature are required to be registered with the Environmental Protection Agency in Washington, DC. Formulators are required to add the following statement to their end use product labels. Do not use water containing residue from use of this product to irrigate crops used for food or feed.

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

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APR 5 1987
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3377-36