

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:

3377-39

Date of Issuance:

AUG 12 1987

Term of Issuance:

Conditional

Name of Pesticide Product:

BQ621-5 Biocide

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

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. 3377-39".

b. Revise your technical bulletin so that the active ingredient in the ingredients statement is the exact same active ingredient that is on your label and Confidential Statement of Formula.

3. Submit two copies of the revised final printed label and revised technical bulletin 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:

SURNAME

DATE EPA Form 8570-1

**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.

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.

ALBEMARLE®

BQ621-5 Biocide

For use by manufacturers only in formulating microbicides, sanitizers, disinfectants, fungicides, water treatment microbicides, once through fresh water cooling systems, and wood preservatives.

Active Ingredient:

n-Alkyl (67% C ₁₂ , 25% C ₁₄ , 7% C ₁₆ , 1% C ₁₈) 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.

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 statements to their end use product label.

Do not use water containing residue from use of this product to irrigate crops used for food or feed. Use of this product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of the product in any cooling water system that discharges effluent within ¼ mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

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.

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

**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.

3377-39

NET CONTENTS: 55 Gallons

**Albemarle Corporation
451 Florida Street
Baton Rouge, LA 70801**

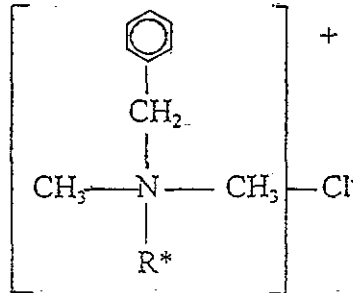
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ALBEMARLE®

TECHNICAL BULLETIN

BQ621-5 Biocide EPA Reg. No. 3377-



n-Alkyl *(67% C₁₂, 25% C₁₄, 7% C₁₆, 1% C₁₈)
dimethyl benzyl ammonium chloride

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

3377-39

I. Statement of Ingredients:

Active Ingredient:

n-Alkyl(67% C₁₂, 25% C₁₄, 7% C₁₆, 1% C₁₈)

dimethyl benzyl ammonium chloride 50.0%

Inert Ingredients: 50.0%

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. Average molecular weight: 360
- D. Solubility: Freely soluble in water, lower alcohols, ketones and glycols.
- 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.

Formulators are required to add the following statements to their end use product label. Do not use water containing residue from use of this product to irrigate crops used for food or feed.

Use of this product in either public/municipal or single or multiple family

private/residential potable/drinking water systems is strictly prohibited. Use of the product in any cooling water system that discharges effluent within ¼ mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

- 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