

1769-308

AUG 12 1985

NCH Corporation  
2727 Chemsearch Blvd.  
Irving, TX 75062

Gentlemen:

Subject: ABF-100  
EPA Registration No. 1769-308  
Amendment Application of June 13, 1985

The amendment referred to above, submitted in connection with registration under Federal Insecticide, Fungicide, Registration Act (FIFRA), is acceptable provided that you:

1. 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 this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



A. E. Castillo

Product Manager (32)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

RD/OPP:JOB:51666:Jenkins:RD-53:Kendrick&Co:898-1270:7/26/86:Del:8/7/85:DKD

CONCURRENCES

SYMBOL	SURNAME	DATE					

2071

LEFT PANEL

**NATIONAL CHEMSEARCH**

**ABF-100**

Poly-Quaternary Microbiocide for Use in Recirculating Industrial and Commercial Water Cooling Towers

**CONTROLS ALGAE - BACTERIA - FUNGI**

**ACTIVE INGREDIENT:**

Polyoxyethylene (dimethyliminio) ethylene  
(dimethyliminio) ethylene dichloride .....10.0%

**INERT INGREDIENTS:**.....90.0%  
TOTAL.....100.0%

) This product contains 0.85 pound of active ingredient per gallon and weighs 8.5 pounds per gallon.

**CAUTION  
KEEP OUT OF REACH OF CHILDREN**

(See elsewhere on label for additional precautions.)

EPA Reg. No. 1769-308

**NET CONTENTS:**

National Chemsearch  
Div. of NCH Corporation  
2727 Chemsearch Blvd.  
Irving, Texas 75062

ACCEPTED  
with COMMENTS  
by EPA later date

AUG 12 1985

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

1769-308

CENTER PANEL

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

**CAUTION:** Harmful if swallowed. Avoid breathing the vapors. Avoid contact with skin, eyes or clothing.

**FIRST AID:** If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**ENVIRONMENTAL HAZARD:**

This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds or public water. For guidance, contact the regional office of the Environmental Protection Agency.

**BEST COPY AVAILABLE**

## STORAGE AND DISPOSAL

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

**STORAGE: KEEP CONTAINER CLOSED.**

## PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

## CONTAINER DISPOSAL:

**PLASTIC CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

**METAL 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.

## RIGHT PANEL

## DIRECTIONS FOR USE

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

**COOLING TOWER SYSTEMS:** Before using ABF-100, industrial and commercial cooling tower systems must be cleaned to remove existing algae growth, bacterial slimes and other deposits. Then apply an initial dose of 7 to 16 ounces of ABF-100 per 1,000 gallons of recirculating water to provide a concentration of 500 to 1,250 ppm of ABF-100. Repeat this initial dose until control is evident. Subsequent doses of 2 to 16 ounces of ABF-100 (12 to 125 ppm of ABF-100) per 1,000 gallons of water in the system should be applied every 2 to 5 days or as needed. The frequency of dosage depends upon the relative rate of bleedoff and the severity of the microbiological contamination. The dosages should be introduced into the tower sump.

**INDUSTRIAL AIR WASHING SYSTEMS:** Air washing systems must be cleaned to remove bacterial slime, algae growth and other deposits. Apply an initial dose of 20 ounces to 32 ounces of ABF-100 per 1,000 gallons of water. Repeat the initial dosage until control is evident. Subsequent doses of 11 ounces to 31 ounces of ABF-100 per 1,000 gallons of water should be applied every 1 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological contamination. The dosages may be added to the sump or to the water collector trays of the airwash system.

## TO REORDER:

In Texas, call 1-800-442-7950

Outside Texas, call 1-800-527-9921

**BEST COPY AVAILABLE**