

10707-36

10/28/2002

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OCT 28 2002

Mr. William M. Fuss  
Sr. Registration Specialist  
Baker Petrolite Corporation  
12645 West Airport Blvd.  
Sugar Land, TX 77478

Subject: BPC 68950  
EPA Registration Number 10707-36  
Letter Dated August 14, 2002

Dear Mr. Fuss:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with comment.

**Proposed Amendment:**

- revised First Aid per PR Notice 2001-1

**General Comments:**

1. The Precautionary Statements must be revised to read as follows:

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

**CORROSIVE:** Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**CONCURRENCES**

SYMBOL								
SURNAME								
DATE								

2. Add the following Personal Protection Equipment (P.E.) language to the label:

**Personal Protective Equipment (P.E.)**

Applicators and other handlers must wear

- Coveralls over Long sleeved shirt and long pants,
- Socks and Chemical-resistant footwear
- Goggles or face shield
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, PV, or viton.)

3. Add the following user safety recommendation statements to the label: The statement should be placed in a box:

***User Safety Recommendations***

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

4. Add the following general precautions and restrictions statement below the direction for use heading:

**General precautions and Restrictions**

“Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application”.

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6422 or Drusilla Copeland at (703) 308-6224.

Sincerely,



Adam Heyward  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

Enclosure

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

**CAUSES SEVERE BURNS OF EYES.  
EYE CONTACT MAY CAUSE LOSS OF VISION.  
MAY BURN THE SKIN.  
MAY BE HARMFUL OR FATAL IF SWALLOWED.**

Do not get in eyes, on skin or on clothing.  
Chemical Worker's Goggles Must be Worn When Handling.  
Wash thoroughly after handling.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. 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 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**BEFORE HANDLING OR USING, READ AND UNDERSTAND  
CURRENT MATERIAL SAFETY DATA SHEET FOR THIS  
PRODUCT.**

**DIRECTIONS FOR USE**

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

**NOTE: ADD BPC 68950 SEPERATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID DECOMPOSITION OF BPC 68950 DUE TO HIGH pH OF MANY ADDITIVE FORMULATIONS.**

**INDUSTRIAL RECIRCULATING WATER COOLING TOWERS**

Add **BPC 68950** to the basin (or any other point of uniform mixing). Additions should be made with metering pump; it may be continuous or intermittent, depending on the severity of the contamination when treatment is begun, and retention time of the system. Optimum performance with this product is attained by continuous or intermittent treatment. If "shock" treatment is used, the blowdown should be discontinued for 24-48 hours.

**FOR CONTROL OF BACTERIA**

Add 0.00095 to 0.0095 gallon **BPC 68950** per 1,000 gallons of water in the system depending on the severity of contamination.

**Intermittent or Slug Method**

**Initial Dose:** When the system is noticeably fouled, add 0.0048 to 0.0095 gallon **BPC 68950** per 1,000 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 0.0024 to 0.0095 gallon **BPC 68950** per 1,000 gallons of water in the system every four days, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**Continuous Feed Method**

**Initial Dose:** When the system is noticeably fouled, add 0.0048 to 0.0095 gallon **BPC 68950** per 1,000 gallons of water in the system.

**Subsequent Dose:** Maintain this level by pumping a continuous feed of 0.00095 to 0.0048 gallon **BPC 68950** per 1,000 gallons of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

**BPC 68950** <sup>435</sup>

Controls bacteria, fungi and yeasts in paper mills, metalworking fluids containing water and enhanced oil recovery systems; controls bacteria, fungi and algae in industrial recirculating water cooling towers and reverse osmosis systems; controls slime-forming bacteria and fungi in air-washer systems.

**ACTIVE INGREDIENT:**

2,2-Dibromo-3-nitropropionamide ..... 20.0%  
INERT INGREDIENTS: ..... 80.0%  
TOTAL: ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**FIRST AID**

**Call poison control center or doctor immediately for treatment advice.  
Have the product container or label with you when calling a poison  
control center doctor, or going for treatment.**

<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Do not induce vomiting.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>After at least 15 minutes of rinsing or after it is judged that nearly all of the contamination has been removed, contact an Ophthalmologist before attempting to remove the contact lenses.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> </ul>

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

EPA Registration Number ..... 10707-36  
EPA Establishment Numbers ..... 464-MI-001, 10707-TX-007

**DISTRIBUTED BY:  
BAKER PETROLITE CORPORATION  
12645 WEST AIRPORT BLVD.  
SUGAR LAND, TX 77478**

**EMERGENCY CONTACT (24 HOURS PER DAY): 800-231-3606**

Read Product Material Safety Data Sheet prior to use. PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND THEREON. Use of Product signifies agreement with these provisions.

### DIRECTIONS FOR USE (Cont.)

#### FOR CONTROL OF FUNGI OR ALGAE

Add 0.029 to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system depending on the severity of contamination.

#### Intermittent or Slug Method

**Initial Dose:** When the system is noticeably fouled, add 0.048 to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 0.029 to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system daily, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

#### Continuous Feed Method

**Initial Dose:** When the system is noticeably fouled, add 0.048 to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system.

**Subsequent Dose:** Maintain this treatment level by pumping a continuous feed of 0.029 to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

#### ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

For controlling microbiological growth in once-through and closed-cycle fresh and sea water cooling systems, cooling ponds, canals, and lagoons, add BPC 68950 to the system inlet water or before any other contaminated area in the system. Intermittent addition should be made with a metering pump at a level dependent on the severity of the contamination in the system.

**Initial Dose:** When the system is noticeably fouled, add 6-12 ppm BPC 68950 based on a flow rate through the system. Additions should be for durations of at least 15 minutes, but with additions not being made for more than a total of 4 hours per day.

**Subsequent Dose:** When microbial control is evident, add 3-12 ppm BPC 68950 intermittently to maintain control. Addition intervals may vary but total time of additions should not exceed 4 hours per day.

**Badly Fouled Systems** must be cleaned before treatment is begun.

#### REVERSE OSMOSIS SYSTEMS

BPC 68950 may be used to control bacteria and reduce biofouling in industrial membrane systems (reverse osmosis, ultrafiltration, microfiltration). Acceptable applications include reverse osmosis for the production of boiler makeup water, rinsing of electric components and industrial wastewater treatment.

BPC 68950 may be fed continuously to the membrane system feed water at a rate of 10-100 ppm (1.3-13.0 fluid ounces per 1,000 gallons or 0.4 to 4.0 ml per 10 gpm of feed water) BPC 68950. For off-line system disinfection, add 50-170 ppm (6.5-22.0 fluid ounces per 1,000 gallons) BPC 68950 to the off-line cleaning feed tank and recirculate for 30 minutes to 3 hours. Frequency of addition should be every 5 days or as needed.

**Note:** For industrial systems in which BPC 68950 residuals cannot be tolerated, BPC 68950 must be slug fed. During and for 30 minutes to 1 hour following chemical addition, permeate and concentrate streams must be diverted to waste.

#### AIR-WASHER SYSTEMS

Add 0.0015 gallon to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system, depending upon the severity of contamination to control slime-forming bacteria fungi in industrial air-washer systems.

#### Intermittent or Slug Method

**Initial Dose:** When the system is noticeably fouled, add 0.003 to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 0.0015 to 0.047 gallon BPC 68950 per 1,000 gallons of water in the system every two days, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

#### Continuous Feed Method.

### DIRECTIONS FOR USE (Cont.)

#### Continuous Feed Method (Continue)

**Initial Dose:** When the system is noticeably fouled, add 0.003 to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system.

**Subsequent Dose:** Maintain this level by pumping a continuous feed of 0.0015 to 0.047 gallon BPC 68950 per 1,000 gallons of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

**Note:** For use only in individual air-washer systems that maintain effective mist eliminating components.

#### METALWORKING FLUIDS CONTAINING WATER

This product is effective in metalworking fluid concentrates which have been diluted in water at ratios of 1:100 to 1:4.

For controlling (or inhibiting) the growth of bacteria, fungi and yeasts that may deteriorate metalworking fluids containing water, add BPC 68950 to the fluid in the collection tank. Additions should be made with a metering pump.

**Initial or Slug Dose:** When the system is just noticeably fouled, add 0.25 gallon BPC 68950 per 1,000 gallons of metalworking fluid to the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 0.1 to 0.2 gallon BPC 68950 per 1,000 gallons of metalworking fluid per day, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

### STORAGE AND DISPOSAL

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

**STORAGE:** Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**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 use according to label instructions, contact your State Pesticide Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL Metal or Plastic Containers:** 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. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Metal Containers: Must not be incinerated. Do not cut or weld on or near metal containers.

NET CONTENTS: Drum, Bulk, or Pails Marked on Container

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

OCT 28 2007

Use of the Federal Insecticide, Fungicide, and Rodenticide Act and Act for the Pesticide, registered under EPA Reg. No.

10707-36

Rev. 05/07/02

Lea la hoja de datos de seguridad de materiales del producto antes de usarlo. LA GARANTIA DEL PRODUCTO, EL DESCRIPCIÓN Y LA LIMITACION DE RESPONSABILIDAD SE ENCUENTRAN EN DICHS DOCUMENTOS. El uso del producto significa acuerdo con estas condiciones.