

10707-36

8/20/2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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WASHINGTON, D.C. 20460

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AUG 20 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Miles R. Rhea
Baker Petrolite Corporation
12645 West Airport Blvd.
Sugar Land, Texas 77478

Subject: **BPC 68950**
EPA Registration Number: 10707-36
Application Date: May 21, 2010
Receipt Date: May 24, 2010

Dear Mr. Rhea:

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

Proposed Amendment

- Label Amendment: Remove Once Through Cooling Water System directions per Agency letter dated 4/26/10

General Comments

A stamped label with conditions is enclosed for your records. Submit a copy of your final printed label before distributing or selling the product bearing the revised labeling.

If you have further questions concerning this letter, then please contact me by telephone at (703) 308-6416 or by e-mail at campbell-mcfarlane.jacqueline@epa.gov or Stacey Grigsby by telephone at (703) 308-6440 or by email at grigsby.stacey@epa.gov. When you are submitting information or data in response to this letter, send a copy of this letter to accompany the submission in order to facilitate processing.

Sincerely,

Jacqueline Campbell-McFarlane
Product Manager 34
Regulatory Management Branch II
Pesticides Division (7510P)

SYMBOL	Enclosed: stamped label						
SURNAME							
DATE							

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

DANGER

CORROSIVE: Causes irreversible eye damage. May be fatal if inhaled or swallowed. Causes skin irritation. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. When loading or handling wear protective eyewear (goggles or face shield with safety glasses), long sleeved shirt and long pants, socks, shoes, chemically resistant gloves and a NIOSH approved respirator. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing, separated from other laundry, before reuse.

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.

APPLICATION 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

USER SAFETY REQUIREMENTS

Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants, socks and chemical-resistant footwear, goggles or face shield with safety glasses, and chemically-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, PVC or viton). Users must wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

When handlers use closed metering systems the handler requirements may be reduced or modified to long-sleeved shirt, long pants, shoes and socks.

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 SEPARATELY 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). Addition should be made with a metering pump; it may be continuous or intermittent, depending on the severity of the contamination when treatment is begun, and the retention time in 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 to 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

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.

FOR CONTROL OF FUNGI OR ALGAE

Add 0.029 to 0.095 gallon BPC 68950 per 1,000 gallons of water in the system. Repeat until control is achieved.
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.

BPC 68950

Controls bacteria, fungi and yeasts in metalworking fluids containing water, 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-nitrolopropanamide 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	
Have the product container or label with you when calling a poison control center doctor, or going for treatment.	
IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> Move the person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
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
84442-NJ-001, 10707-CA-012, 10707-LA-001

BAKER PETROLITE CORPORATION
12645 WEST AIRPORT BLVD.
SUGAR LAND, TX 77478
EMERGENCY CONTACT (24 HOURS PER DAY): 800-231-3606

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 ppm 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
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 per day by pumping a continuous feed of 0.0015 to 0.047 gallon BPC 68950 per 1,000 gallons 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.
PESTICIDE 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.

Text for non-refillable containers
CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

For containers of 5 gallons or less: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers with capacities greater than 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Text for refillable containers
CONTAINER DISPOSAL: Refillable container. Refill this container with pesticide only. Do not reuse this container for any purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning, refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

NET CONTENTS: Drum, Bulk or As Marked on Container

Read Product Material Safety Data Sheet prior to use. PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND IN THE HOJA DE DATOS DE SEGURIDAD DE MATERIALES DEL PRODUCTO ANTES DE USARLO. LA GARANTIA DEL PRODUCTO, EL DESCARGO Y LA LIMITACION DE THEREON. Use of Product signifies agreement with these provisions.

ACCEPTED
AUG 20 2010
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 10707-36

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