

10707-36

5/22/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

MAY 22 2014

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

George Katsigras, Senior Registration Specialist
Baker Petrolite Corporation
12645 West Airport Boulevard
Sugar Land, TX 77478

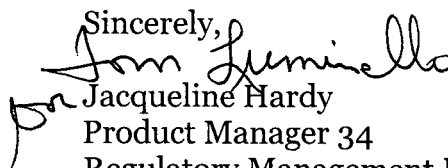
Subject: BPC 68950 EPA Registration Number: 10707-36
Application Date: February 10, 2014

Dear Mr. Katsigras:

The Agency has reviewed your amendment submitted in accordance with continuing registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, and determined the action acceptable. In summary, the proposed revisions intended to add oilfield and natural gas applications has been reviewed and found acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 1(gg) and its implementing regulation at 40 CFR 152.3. If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

Should you have any questions about this letter, please contact Tom Luminello at (703) 308-8075.

Sincerely,

for Jacqueline Hardy
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510 P)

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BPC 68950

Alternate product names:

X-CIDE™ 508 Industrial Microbiocide

ALPHA 544

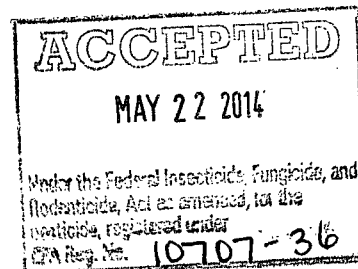
Controls bacteria, fungi and yeasts in metalworking fluids containing water; controls bacteria, fungi and algae in industrial recirculating water cooling towers and reverse osmosis systems; controls slime-forming bacteria and fungi in air-washer systems, and in enhanced oil recovery systems, hydrotesting, and other oilfield & petrochemical systems: oil recovery, processing and distribution applications and supporting systems, such as injection water (drilling muds, packer fluids, completion & workover fluids, fracturing fluids), water holding systems or tanks, disposal well water, gas production & transmission pipelines, and pipeline pigging & scraping operations.

ACTIVE INGREDIENT:

2,2-Dibromo-3-nitrilopropionamide 20.0%

INERT INGREDIENTS: 80.0%

TOTAL: 100.0%



KEEP OUT OF REACH OF CHILDREN

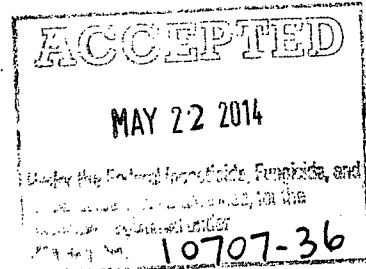
DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

FIRST AID	
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 eye. ▪ 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 OR CLOTHING	<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.
Have the product container or label with you when calling a poison control center doctor, or going for treatment.	
HOT LINE NUMBER	
IN CASE OF EMERGENCY endangering life or property involving this product, call (800) 231-3606	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

EPA Establishment Number: xxxxx-xx-xx

Manufactured by:
BAKER PETROLITE CORPORATION
12645 West Airport Boulevard
Sugar Land, TX 77478



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, using tobacco, or using the toilet. 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 chemical-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 THIS PRODUCT SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID DECOMPOSITION OF THIS PRODUCT DUE TO HIGH pH OF MANY ADDITIVE FORMULATIONS.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

Add this product 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 gallons of this product 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 gallons of this product 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 gallons of this product 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 gallons of this product 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 gallons of this product 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 gallons of this product 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 gallons of this product 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 gallons of this product 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 gallons of this product 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 gallons of this product per 1,000 gallons of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

REVERSE OSMOSIS SYSTEMS

This product 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.

This product 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) of this product. For off-line system disinfection, add 50-170 ppm (6.5-22.0 fluid ounces per 1,000 gallons) of this product 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 this product's residuals cannot be tolerated, this product then 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 gallons of this product 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 gallons of this product per 1,000 gallons of water in the system. Repeat until control is achieved.

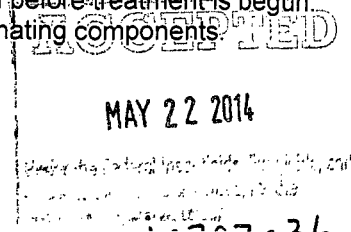
Subsequent Dose: When microbial control is evident, add 0.0015 to 0.047 gallons of this product per 1,000 gallons of water in the system every two days, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

Continuous Feed Method

Initial Dose: When the system is noticeably fouled, add 0.003 to 0.095 gallons of this product 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 gallons of this product 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 this product 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 gallons of this product 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 gallons of this product 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.

OILFIELD AND PETROCHEMICAL SYSTEMS

This product is effective in controlling sulfate reducing bacteria, general aerobic bacteria, including microorganisms that contribute to biofilm formation in oil recovery, processing and distribution applications and supporting systems; such as injection water (Drilling muds, Packer fluids, Completion and Workover fluids, Fracturing fluids, Water floods), water holding tanks or systems, disposal well water, and pipelines (Gas production & transmission pipelines, Pipeline pigging & scraping operations).

This product may be used either in slug treatment or in continuous application. The suggested treatment rates may vary from as much as 270 ppm of this product in slug application to 10 to 100 ppm of this product in continuous treatment (1/4 pint of this product per 1,000 gallons of water equals approximately 30 ppm). A typical slug treatment is to add 1 pint of this product per 1,000 gallons at intervals needed to prevent growth of bacteria or microbial slime. Badly fouled systems may be slug treated to establish control, followed by continuous treatment to maintain control. The product must be added at a point to ensure uniform mixing.

ENHANCED OIL RECOVERY SYSTEMS

For controlling slime-forming bacteria, sulfide-producing bacteria, yeast, and fungi in oil field water, polymer or micellar floods of water-disposal systems, or other oil field water systems, add 1 – 80 ppm of this product (0.1 – 6.4 gallons of this product per 2400 barrels of water) depending on the severity of contamination. Additions must be made with a metering pump either continuously or intermittently.

Continuous feed method: When the system is noticeably fouled, add 10 -80 ppm of this product (0.8 – 6.4 gallons of this product per 2400 barrels of water) continuously until the desired degree of control is achieved.

Subsequently, treat with 1 -15 ppm of this product (0.1 – 1.2 gallons of this product per 2400 barrels of water) continuously or as needed to maintain control.

Intermittent or slug method: When the system is noticeably fouled, or to maintain control of the system, add 10 – 80 ppm of this product (0.8 – 6.4 gallons of this product per 2400 barrels of water) intermittently for 4 – 8 hours per day, and from 1 – 4 times per week, or as needed depending on the severity of contamination.

Addition of this product may be made at the free water knockouts, before or after the injection pumps and injection well headers.

NOTE: For control of bacteria, yeast, and fungi in aqueous solution of biopolymer used in flooding operations, add 15 – 80 ppm of this product (1.2 – 6.4 gallons of this product per 2400 barrels of water). Addition of this product must be made with a metering pump IMMEDIATELY after preparation of the aqueous biopolymer solution to prevent loss of viscosity.

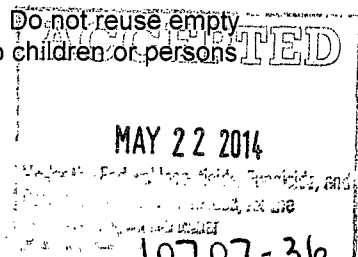
HYDROTESTING [Not for use in California]

For control of bacteria: Water used to hydrotest pipelines or vessels should contain 100 to 1,000 ppm of this product per 1,000 gallons water depending on water quality and length of time the equipment will remain idle.

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. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling if available 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 smoke.

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 ¼ 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 ¼ 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 other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before 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. Then offer for recycling if available 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 smoke.

NET CONTENTS: as marked on label or container

Lot No. as marked on the label or container

