

34571-10

08/31/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

AUG 3 1 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Kevin C. Manning
GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053-6783

Subject: Betz Entec 345A
EPA Registration Number: 34571-10
Application Date: June 7, 2010
Receipt Date: June 9, 2010

Dear Mr. Manning

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

Proposed Amendment:

Delete "Once-Through Cooling Tower" use site per Agency letter dated 4/26/10

Conditions

Revise the label as follows:

1.) Revise the "Precautionary Statements" to be in agreement with the December 3, 2008 Product Re-registration acute toxicology evaluation by stating:

Corrosive. Causes irreversible eye damage. Harmful if inhaled, swallowed, or absorbed through the skin. Do not get in eyes. Avoid contact with skin or clothing or breathing vapor. Wear protective eyewear (goggles or face shield). 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 contaminated clothing and wash separately before reuse.

2.) The "User Safety Recommendations" section must be brought into compliance with PR Notice 2000-5, Mandatory Language by deleting the term, recommendations and stating "requirements." Also, replace the term, should, with "must."

CONCURRENCES

SYMBOL	SURNAME	DATE					


3.) The "Directions for Use" must be brought into compliance with PR Notice 2000-5, Mandatory labeling, by deleting the term, should, and stating "must."

General Comments

A stamped label accepted 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 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 Killian Swift by telephone at (703) 308-6346 or by email at swift.killian@epa.gov. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,



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

Enclosure: EPA stamped label

CONCURRENCES

SYMBOL								
SURNAME								
DATE								



GE

Water & Air Technologies

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 34571-10

ACCEPTED with COMMENTS in EPA Letter Dated: AUG 23 2010

Lot Number:

Material ID: 6108018

Net Weight:

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

Packaging Date: 06/04/2010

Made in USA

Wash:

BETZ ENTEC® 345A

SLIME CONTROL AGENT

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER PELIGRO

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 take internally. Do not get in eyes, on skin or on clothing. Chemical worker's goggles must be worn when handling. Use with adequate ventilation. Immediately remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

Personal Protective Equipment(PPE): Applicators and all 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, polyvinyl chloride, or viton. Respirator with an organic vapor removing cartridge with a pre filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter. Follow 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. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ACTIVE INGREDIENT:
2,2-Dibromo-3-nitropropionamide 5.0%
INERT INGREDIENTS*: 95.0%
TOTAL 100.0%

*Inert ingredients include solubilizing and dispersing agents.

CONTENTS: LIQUID
POUNDS PER GALLON: 9.6 (75°F)

EPA REGISTRATION NUMBER: 34571-10-3876

EPA ESTABLISHMENT NUMBER: 3876-TX-002

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

User Safety Recommendations
Users ~~should~~ wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
Users ~~should~~ remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Users ~~should~~ 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.

FIRST AID

If in eyes: 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: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

If swallowed: 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: 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.

HOT LINE NUMBER: 1-800-222-1222

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-877-1940 for emergency medical treatment information.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Keep container tightly closed. Store in a cool, dry well-ventilated place. Do not store at elevated temperatures.

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 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 incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for reconditioning if appropriate. Triple rinse as follows: Empty 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. Turn the container over onto its other 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.

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 a 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.

3/10



GE
Water & Process Technologies

Made in USA
GEN 1006 - 345a-2 - 6/4/10

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 31 2010

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

34571-10

BETZ ENTEC® 345A

SLIME CONTROL AGENT

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

RECIRCULATING COOLING WATER SYSTEMS

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 the high pH of many additive formulations. This product aids in the control of bacterial, algal, fungal slimes in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, influent systems such as flow through filters and lagoons, industrial water scrubbing systems and brewery pasteurize. Add this product to the system at any point to insure uniform mixing. This product may be added to the system either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of contamination. Optimum performance with this product is attained by continuous or intermittent treatment. If "shock" treatment is used, blowdown ~~should~~ be discontinued for 24 to 48 hours. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA: Add this product at the rate of 0.018 to 0.36 lb. (2.1 to 43 ppm) per 1000 gallons of water in the system, depending upon the severity of contamination.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.18 to 0.36 lb. (21 to 43 ppm) per 1000 gallons of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.09 to 0.36 lb. (10 to 43 ppm) per 1000 gallons of water in the system every 4 days as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.18 to 0.36 lb. (21 to 43 ppm) per 1000 gallons of water in the system. SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 0.018 to 0.18 lb. (2.1 to 21 ppm) per 1000 gallons of blowdown (or water loss) from the system.

FOR CONTROL OF FUNGI AND ALGAE: Add this product at the rate of 1.11 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of water in the system, depending upon the severity of contamination.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 1.84 to 3.65 lbs. (221 to 438 ppm) per 1000 gallons of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When algal control is evident, add this product at the rate of 1.11 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of water daily or as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 1.84 to 3.65 lbs. (221 to 438 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 1.11 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of blowdown (or water loss) from the system.

METAL-WORKING CUTTING FLUIDS CONTAINING WATER

This product is effective in metal-working fluid concentrated 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 metal-working 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 noticeably fouled, add this product at the rate of 10.50 lbs. (1.1 gallons) per 1000 gallons of metal-working fluid in the system. Repeat until control is achieved. SUBSEQUENT

DOSE: When microbial control is evident, add this product at the rate of 4.22 to 8.45 lbs. (0.44 to 0.88 gallon) per 1000 gallons of metal-working fluid per day, or as needed to maintain control. Additions of this product can be made continuously or intermittently. Slug the system as required.

AIR WASHERS

For use only in industrial air washer systems that maintain effective mist eliminating components. This product controls slime-forming bacteria and fungi in industrial air washer systems. Add this product at the rate of 0.075 to 2.4 lbs. (9 to 288 ppm) per 1000 gallons of water in the system, depending upon the severity of contamination. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 1.5 to 2.4 lbs. (180 to 288 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.075 to 1.2 lbs. (9 to 144 ppm) per 1000 gallons of water in the system every 2 days or as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 1.5 to 2.4 lbs. (180 to 288 ppm) per 1000 gallons of water in the system. SUBSEQUENT DOSE: Maintain this level by a continuous feed of this product at the rate of 0.075 to 1.2 lbs. (9 to 144 ppm) per 1000 gallons of blowdown (or water loss) from the system.

NON-POTABLE REVERSE OSMOSIS SYSTEMS

For controlling bacteria, fungi and algae slimes in non-potable REVERSE OSMOSIS systems and peripheral equipment, add this product to the system inlet water or before any other contaminated area ahead of the REVERSE OSMOSIS unit. This product ~~should~~ be added with a metering pump on an intermittent basis depending on the severity of contamination and the guidelines specified by the membrane manufacturer for this product. Add this product at the rate of 0.04 to 4.0 lbs. (4 to 480 ppm) per 1000 gallons of feedwater. During use of this product both permeate and reject waters ~~should~~ be directed to the drain. Once treatment is completed, rinsing with feedwater ~~should~~ continue until conductivity valves in the permeate are at or below values before treatment with this product. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR THE CONTROL OF BACTERIA - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.2 to 0.4 lb. (24 to 48 ppm) per 1000 gallons of feedwater. Minimum treatment intervals ~~should~~ be 15 minutes. Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer. SUBSEQUENT DOSE: When microbial control is achieved, add this product at the rate of 0.1 to 0.4 lb. (12 to 43 ppm) per 1000 gallons of feedwater as needed to maintain control or as specified by guidelines recommended by the membrane manufacturer.

FOR THE CONTROL OF FUNGI AND ALGAE - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 2.0 to 4.0 lbs. (240 to 480 ppm) per 1000 gallons of feedwater. Minimum treatment intervals ~~should~~ be 15 minutes. Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer. SUBSEQUENT DOSE: When microbial control is achieved, add this product at the rate of 1.2 to 4.0 lbs. (144 to 480 ppm) per 1000 gallons of feedwater as needed to maintain control or as specified by guidelines recommended by the membrane manufacturer.

Lot Number:

Material ID: 6108018

Packaging Date: 06/04/2010

Net Weight:

GE Betz, Inc., 4636 Somerton Road, Trevose, PA, 19053
Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940