

34571-10

4/15/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

APR 15 2010

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Kevin C. Manning, Manager, Biocide Programs
GE Betz, Inc.
4636 Somerton Road
Trevose, PA 19053

Subject: Notification per PR Notice 98-10
Betz Entec 345A
EPA Registration Number: 34571-10
Application Date: March 22, 2010
Receipt Date: March 23, 2010

Dear Mr. Manning:

This acknowledges receipt of your notification submitted under the provisions of PR Notice 98-10 and FIFRA section 3(c) 9.

Proposed Notification:

Update label in response to PR Notice 2007-4.

General Comments:

Based on a review of the submitted materials, your notification to revise the Container Disposal statement to be in agreement with PR Notice 2007-4 is acceptable and apart of the records on file.

If you have further questions concerning this letter, 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 email address at: swift.killian@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 yours,

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

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

2085

Please read instructions on reverse before completing form.

Form Approved, C No. 2070-0060

Print Form



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 34571-10	2. EPA Product Manager Emily Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Betz Entec 345A	PM# 32 34 ^{Reg}	
5. Name and Address of Applicant (Include ZIP Code) GE Bbetz, Inc., 4636 Somerton Road, Trevese, PA 19053 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to Update label in response to PR notice 2007-4. Enclosed cover letter reflects the required Notification Statement.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container If "Yes" Package wgt No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kevin C. Manning	Title Manager, Biocide Programs	Telephone No. (Include Area Code) 215 953-5588	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Manager, Biocide Programs		
4. Typed Name Kevin C. Manning	5. Date Mar 22, 2010		



3 of 5

GE Betz

Water Technologies
General Electric Company
4636 Somerton Road, Trevose, PA 19053

March 22, 2010

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202-4501

Re: Notification EPA Reg. No. 34571-10 Betz Entec 345A

To Whom It May Concern:

GE Betz Inc. hereby submits a Notification application to revise the container disposal statement on the label in response to PR Notice 2007-4. GE Betz is using exact container-related label language, as specified in PR Notice 2007-4 for a ready to use end-use product.

In order for the application to proceed, the required notification statement is below.

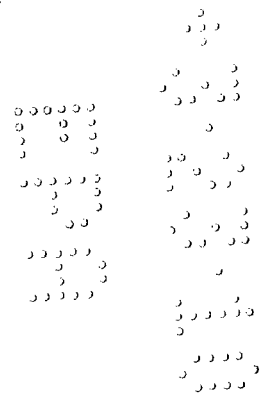
“This certification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. SEC. 1001 to willfully make any false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.”

Enclosed are the following documents to support this Notification:

- 1) Complete application, Pesticide Registration, Form 8570-1
- 2) One marked copy of labeling indicating the change to label
- 3) Two copies of final labeling

Sincerely,

Kevin C. Manning
Manager, Biocide Programs
GE Betz, Inc.





GE
Water & Process Technologies

Lot Number:

Material ID: 6108018

Net Weight:

NOTIFICATION
Date Reviewed: 4/15/10
Reviewed By: J. Swift

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

Packaging Date: 03/18/2010

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

4055



GE
Water & Process Technologies

Made in U.S.A.

GEN 0712 - BD8-Tech - 3/18/10

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

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 and 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 pasteurizers. 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.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

For controlling bacteria, fungi and algae in once-through and closed-cycle fresh and sea water cooling systems, cooling ponds, canals and lagoons, add this product to the systems' inlet water or before any other contaminated area in the system. Addition of this product should be made with a metering pump; it may be continuous or intermittent depending upon the severity of the contamination when treatment is begun, and the retention time in the system. **BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

FOR THE CONTROL OF BACTERIA: Add this product at the rate of 0.04 to 0.41 lb. (4 to 48 ppm) per 1000 gallons of water based on the flow rate through the system, depending upon the severity of contamination.

INTERMITTENT METHOD - 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 water. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.1 to 0.4 lb. (12 to 48 ppm) per 1000 gallons of water intermittently as needed to maintain control.

CONTINUOUS FEED METHOD - 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 water continuously to the system. **SUBSEQUENT DOSE:** When microbial control is evident, pump a continuous feed of this product at the rate of 0.04 to 0.2 lb. (4 to 24 ppm) per 1000 gallons of water based on the flow rate through the system.

FOR THE CONTROL OF FUNGI AND ALGAE: Add this product at the rate of 1.2 to 4.0 lbs. (144 to 480 ppm) per 1000 gallons of water based on the flow rate through the system, depending upon the severity of contamination.

INTERMITTENT METHOD - 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 water. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 1.2 to 4.0 lbs. (144 to 480 ppm) per 1000 gallons of water intermittently or as needed to maintain control.

CONTINUOUS FEED METHOD - 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 water. **SUBSEQUENT DOSE:** When microbial control is evident, pump a continuous feed of this product at the rate of 1.2 to 4.0 lbs. (144 to 480 ppm) per 1000 gallons of water based on the flow rate through 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 0.4 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 48 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: 03/18/2010

Net Weight:

GE Betz, Inc., 4636 Somerton Road, Trevose, PA, 19053
Business Phone: 215-355-3300 • Emergency Phone: 800-877-1040

57015