

3876-159

04/16/2010

1/5

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



Office of Pesticide Programs

APR 16 2010

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

FILE COPY

Subject: .Spectrus OX1201
EPA Registration No.3876-159
Application Date: March 22, 2009
Receipt Date: March 23, 2009

Dear Mr. Manning:

The following notification submitted in connection with registrations under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 is acceptable.

Proposed Notification:

- Update Storage and Disposal statement per PR Notice 2007-4

Comments:

Based on a review of the material submitted, the following comments apply:

This application for notification to update the Storage and Disposal statement per PR Notice 2007-4, as referenced above, is acceptable. A copy has been placed in your files for future reference.

Should you have any questions or comments concerning this letter, please contact me at Henson.Wanda@epa.gov or call (703) 308-6345.

Sincerely,

Wanda Y. Henson
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)



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. 3876-159 Spectrus OX1201

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

NOTIFICATION
Date Reviewed: 4/16/10
Reviewed By: Wilson

Lot Number:
Material ID: 6017130
Net Weight:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	A

SPECTRUS[®] OX1201

FOR USE AS A DISINFECTANT, BACTERICIDE, SLIMICIDE, ALGICIDE AND MOLLUSK CONTROL AGENT FOR CONTROL OF MICROBIAL SLIME IN RECIRCULATING COOLING WATER SYSTEMS, BREWERY PASTEURIZING SYSTEMS, AIR WASHERS, ONCE THROUGH COOLING WATER AND WASTEWATER TREATMENT SYSTEMS, AND PULP AND PAPER MILLS.

Packaging Date: 03/15/2010
Made in U.S.A.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

IRRITATION MAY DEVELOP FROM EYE AND SKIN EXPOSURE. Avoid contact with eyes. Wear gloves and safety goggles. Wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

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.

PHYSICAL AND CHEMICAL HAZARDS

Sodium bromide is not flammable. However, in fires fueled by other materials, hydrogen bromide or bromine may be released. In case of fire, wear self-contained breathing apparatus.

ACTIVE INGREDIENT: Sodium bromide 40.0%
INERT INGREDIENTS: 60.0%
TOTAL 100.0%

CONTENTS: LIQUID
POUNDS PER GALLON: 11.9 (70°F)
EPA REGISTRATION NUMBER: 3876-159

EPA ESTABLISHMENT NUMBER: 3876-TX-002

KEEP OUT OF REACH OF CHILDREN

CAUTION

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For product use see Panel 2.

For Industrial Use. Technical advice regarding specific site problems is available from GE Water & Process Technologies. A Material Safety Data Sheet containing more detailed information relative to this product is available upon request.

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 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.
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.

HOT LINE NUMBER: 1-800-722-7112

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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

STORAGE AND DISPOSAL

STORAGE: Keep product dry in tightly closed original container when not in use. Store in a cool, dry, well ventilated area. Product should be stored at 50°F (10°C) or above.
DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. DO NOT REUSE EMPTY CONTAINER. Triple rinse the container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate. Burn only if allowed by state and local authorities. 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.

45



GE
Water & Process Technologies

Made in U.S.A.

GEN 0903 - BD7-Tech - 3/15/10

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	A

SPECTRUS[®] OX1201

FOR USE AS A DISINFECTANT, BACTERICIDE, SLIMICIDE, ALGICIDE AND MOLLUSK CONTROL AGENT FOR CONTROL OF MICROBIAL SLIME IN RECIRCULATING COOLING WATER SYSTEMS, BREWERY PASTEURIZING SYSTEMS, AIR WASHERS, ONCE THROUGH COOLING WATER AND WASTEWATER TREATMENT SYSTEMS, AND PULP AND PAPER MILLS.

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

Read entire label and use strictly in accordance with precautionary statements and directions.

RECIRCULATING COOLING WATER SYSTEMS, INCLUDING AIR WASHERS AND BREWERY PASTEURIZERS: When used as directed, this product effectively controls algal, bacterial, fungal slime and controls the settlement and growth of mollusks such as the zebra mussel (*Dreissena*) or the Asiatic clam (*Corbicula*) in commercial and industrial cooling towers; influent water systems such as flow through filters; heat exchange water systems; and industrial water scrubbing systems.

DOSAGE RATES: Add this product to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example: 1) 1.6 to 26.5 pounds of chlorine gas (99.9%) per gallon of sodium bromide solution; 2) 1.3 to 21.2 gallons sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution.

INITIAL DOSE: When the system is noticeably fouled, add 0.0003 to 0.024 gallon of this product per 1000 gallons of water contained in the system and oxidize with either gas chlorine (0.008 to 0.040 lb. gas chlorine per 1000 gallons of contained water), or sodium hypochlorite solution (0.007 to 0.032 gallons of 12.5% sodium hypochlorite solution per 1000 gallons of contained water). **SUBSEQUENT DOSE:** When microbial control is evident, add 0.0002 to 0.024 gallon of this product per 1000 gallons of water contained in the system, and oxidize with either gas chlorine (0.004 to 0.040 lb. gas chlorine per 1000 gallons of contained water), or sodium hypochlorite solution (0.003 to 0.032 gallons of 12.5% sodium hypochlorite solution per 1000 gallons of contained water).

ONCE-THROUGH COOLING WATER AND WASTE WATER TREATMENT SYSTEMS: When used as directed, this product effectively controls algal, bacterial and fungal slime and controls the settlement and growth of mollusks such as the zebra mussel (*Dreissena*) or the Asiatic clam (*Corbicula*) in once-through fresh and sea water cooling systems and disinfects secondary and tertiary wastewater treatment systems.

DOSAGE RATES: Add this product to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example: 1) 1.6 to 26.5 pounds of chlorine gas (99.9%) per gallon of sodium bromide solution; 2) 1.3 to 21.2 gallons sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution.

INITIAL DOSE: When the system is noticeably fouled, add 0.0008 to 0.049 gallon of this product per 1000 gallons of water contained in the system and oxidize with either gas chlorine (0.02 to 0.08 lb. gas chlorine per 1000 gallons of contained volume), or sodium hypochlorite solution (0.02 to 0.06 gallon of 12.5% sodium hypochlorite solution per 1000 gallons of contained volume). **SUBSEQUENT DOSE:** When microbial control is evident, add 0.0003 to 0.049 gallon of this product per 1000 gallons of water contained in the system, and oxidize with either gas chlorine (0.008 to 0.08 lb. gas chlorine per 1000 gallons of contained volume), or sodium hypochlorite solution (0.006 to 0.06 gallon of 12.5% sodium hypochlorite solution per 1000 gallons of contained volume).

PULP AND PAPER MILLS: When used as directed this product effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, wastewater treatment systems, non-potable water systems, and other process water.

DOSAGE RATES: Add this product to the system at a 0.125 to 2.0 sodium bromide/oxidant ratio. For example: 1) 1.6 to 26.5 pounds of chlorine gas (99.9%) per gallons of sodium bromide solution; 2) 1.3 to 21.2 gallons sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution. Add sufficient amount of this product and oxidize with either gas chlorine or sodium hypochlorite solution to achieve a residual bromine level of 0.5 to 5 ppm or as needed to maintain control of the system. This product can be added whenever chlorination is applied.

Feed this product either before or after the oxidant injection point into the water to be treated. Be sure rapid mixing of the treated water, this product and oxidant is achieved. Pump manufacturers can recommend the appropriate materials of construction and capacity for a pump to feed this product or sodium hypochlorite solution. If used as the oxidant, chlorine gas must be handled and used only in accordance with practices recommended in The Chlorine Manual published by the Chlorine Institute, Inc., New York. Use chlorine gas only in well ventilated areas.

Treatment levels of this product and oxidant can best be measured with test kits for either bromine or chlorine. Tests should be made immediately after drawing water samples from the system. Use test kits according to directions: 1. When a bromine test kit is used, results can be read directly as ppm bromine. 2. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor of 2.25.

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Manufactured for GE Water & Process Technologies.

Lot Number:

Material ID: 6017130

Packaging Date: 03/15/2010

Net Weight:

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

5/5