

### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

### WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Kate Ingram
Hercules Incorporated, A wholly owned sub of Ashland Inc.
500 Hercules Road
Wilmington, DE 19808

MAY 1 2 2014.

Subject:

Spectrum XD9400

EPA Reg. No.

74655-19

Application Date:

April 10, 2014

Receipt Date:

April 14, 2014

Dear Ms. Ingram:

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

### **Proposed Notification:**

- To correct typographical error in feed rate
- Remove advisory information
- Change emergency information telephone number

### **General Comments:**

Based on a review of the material submitted, the following comment applies:

The notification application is acceptable and a copy has been inserted in your file for future reference.

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

Sincerely,

Wanda Y. Henson

Environmental Protection Specialist Regulatory Management Branch II Antimicrobials Division (7510P)

Print Form Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060 OPP Identifier Number Registration United States **Environmental Protection Agency** Amendment Washington, DC 20460 Other Application for Pesticide - Section I 2. EPA Product Manager 1. Company/Product Number 3. Proposed Classification 74655-19 Demson Fuller Restricted PM# 4. Company/Product (Name) Spectrum XD9400 32 5. Name and Address of Applicant (Include ZIP Code) 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling Hercules Incorporated, A wholly owned sub of Ashland Inc 500 Hercules Rd., Wilmington, DE 19808 EPA Reg. No.\_\_\_\_ Check if this is a new address **Product Name** Section - II Final printed labels in response to Amendment - Explain below. Agency letter dated "Me Too" Application. Resubmission in response to Agency letter dated \_\_ Notification - Explain below. Other - Explain below. Explanation: Use additional page(s) if necessary. (For section I and Section II.) Notification per PR Notice 98-10 to correct typographical error in feed rate on product label and to make administrative changes. See cover letter for additional information. Section - III 1. Material This Product Will Be Packaged In: Unit Packaging Child-Resistant Packaging Water Soluble Packaging 2. Type of Container Metal Yes\* Yes Yes Plastic No No No Glass Paper "Yes" No. per If "Yes" No. per \* Certification must Unit Packaging wgt. Package wgt Other (Specify) be submitted 3. Location of Net Contents Information 4. Size(s) Retail Container 5. Location of Label Directions On Label Container Label On Labeling accompanying product 6, Manner in Which Label is Affixed to Product Lithograph Other Paper glued Stenciled Section - IV 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Title Telephone No. (Include Area Code) Name Sen Prod Reg Specialist Kate Ingram (904) 256-0311 c 6. Deto Application Certification Received 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 felse or misleading statement may be punishable by fine or imprisonment or . (Stamped) ¿ both under applicable law. 2. Signature Sen Prod Reg Specialist 5. Date Kate Ingram April 10, 2014

### ASHLAND.

Name Kate Ingram

Title Senior Product Regulatory Specialist

Hercules Incorporated, A wholly owned subsidiary of Ashland Inc.

7910 Baymeadows Way, Suite 100 Jacksonville, FL 32256 Tel: 904-256-0311, Fax: 904-448-4039

ashland.com

April 10, 2014

Document Processing Desk (NOTIF – E-SUB)
Office of Pesticides Programs (7502P)
Antimicrobials Division
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501
ATTN: MR. DEMSON FULLER

Subject: Spectrum RX9400; EPA Registration # 74655-19

Feed Rate Typographical Correction

Dear Mr. Fuller:

In reviewing the product labeling for this product, a typographical error was discovered that needs corrected in addition to a few administrative changes that are required. The typographical error is in a feed rate. Under the use directions for Recirculating Cooling Water Systems, Including Air Washers and Brewery Pasteurizers; in the initial dose, the feed rate range is listed as 0.0003 to 0.24 gallon. This is incorrect as the actual feed rate is 0.0003 to 0.024 gallon.

This notification 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 statements of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the 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.

Included with this letter are the following items:

- EPA Form 8570-1
- · CD containing label in pdf
- Certification with respect to label integrity
- 5 copies of the product label
- 1 copy of the product label with changes identified



## ASHLAND.

Name Kate Ingram

Title Senior Product Regulatory Specialist

# Hercules Incorporated, A wholly owned subsidiary of Ashland Inc.

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Please send all correspondence to the following address:

Ashland Inc.

7910 Baymeadows Way, Suite 100

Jacksonville, FL 32256

Attn: Kathryn Ingram

Please contact me at 904-256-0311 or via email at <u>KRIngram@Ashland.com</u> with questions or comments regarding this submission. Thank you for your assistance.

Thank you,

Kate Ingram

Senior Product Regulatory Specialist

Ashland Inc.

### SPECTRUM XD9400 MICROBIOCIDE AGENT

**ACTIVE INGREDIENT** 

Contents: liquid

Pounds per gallon: 11.9 lb/gal (70°F)

EPA Reg. No. 74655-19

EPA Est. No.

NOTIFICATION
Date Reviewed: 5/12/14
Deviewed By: WIT

# 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**

This product is toxic to fish and aquatic organisms. Do not discharge into lakes, streams, ponds or public 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.

### 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.

For Industrial Use.

### MADE IN USA

Produced for Hercules Incorporated, A wholly owned subsidiary of Ashland Inc.

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# CAUTION 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 ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. 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.

### 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.

## FOR EMERGENCY INFORMATION CALL 1-800-ASHLAND

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

### STORAGE AND DISPOSAL

PESTICIDE 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.

PESTICIDE 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.

CONTAINER HANDLING – 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 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. 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.

Page 2 of 4 Spectrum XD9400\_74655-19 April 10, 2014 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 of 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 pound 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 pound gas chlorine per 1000 gallons of contained water), or sodium hypochlorite (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 of 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 pound gas chlorine per 1000 gallons of contained volume), or sodium hypochlorite (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 pound gas chlorine per 1000 gallons of contained volume), or sodium hypochlorite (0.006 to 0.06 gallon of 12.5% sodium hypochlorite solution per 1000 gallons of contained volume).

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### **PULP & 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 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 of 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, the 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.

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