

8540-23

03/03/2010

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR - 3 2010

Mr. David Grede
EHS Manager for,
Garratt-Callahan
50 Ingold Road
Burlingame, CA 94010-2206

Subject: Formula 315
EPA Registration Number 8540-23
Your Notification Dated January 21st, 2010
EPA Received Date February 18th, 2010

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to add an alternate brand name, optiShield AT™, is acceptable.

The notification has been made part of the file.

If you have questions concerning this letter, please contact Karen M. Leavy at (703)-308-6237.

Sincerely,

A handwritten signature in black ink that reads "M Swindell".

Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobials Division(7510P)

read instructions on reverse before completing form.

Form Approved, OMB No. 2070-004

Print Form



United States Environmental Protection Agency Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 8540-23	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Formula 315	PM# Team 33	
5. Name and Address of Applicant (Include ZIP Code) Garratt-Callahan Company 50 Ingold Road Burlingame, CA 94010-2206 <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: <input checked="" type="checkbox"/> EPA Reg. No. <u>N/A</u> Product Name <u>N/A</u>	

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 type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

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

- 1) General label revision to update the container and residue handling information per Pesticide Registration Notice 2007-4, (revised April 29, 2008).
- 2) General label formatting change.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 5,30,55,275 Gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input checked="" 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 David Grede	Title EHS Manager	Telephone No. (Include Area Code) (650) 607-5811
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 EHS Manager	
4. Typed Name David Grede	5. Date 2/21/10	



Main Office: 50 Ingold Road, Burlingame, CA 94030 (650) 697-5811 FAX (650) 692-6098

Plants: Addison, IL Atlanta, GA Edison, NJ Dallas, TX Burlingame, CA

www.g-c.com

FORMULA 315

INDUSTRIAL MICROBICIDE FOR USE IN RECIRCULATING WATER COOLING TOWERS AND AIR WASHER SYSTEMS, RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS, BREWERY PASTEURIZER/CAN WARMER SYSTEMS AND IN PAPER MILLS.

ACTIVE INGREDIENTS:

CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	1.11%
2-METHYL-4-ISOTHIAZOLIN-3-ONE	0.39%
INERTS	98.6%
TOTAL	100.0%

GARRATT-CALLAHAN FORMULA 315 WEIGHS 8.4 POUNDS PER GALLON

**KEEP OUT OF THE REACH OF CHILDREN
DANGER**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

CORROSIVE. Causes irreversible eye damage and skin burns. Harmful if swallowed. Harmful if inhaled.

Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash clothing before reuse. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic plants, fish and aquatic invertebrates. 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on the label.

DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

For the control of bacteria, algae and fungi, add Garratt-Callahan Formula 315 to: **INDUSTRIAL RECIRCULATING WATER COOLING TOWERS, INDUSTRIAL RECIRCULATING CLOSED LOOP WATER SYSTEMS, BREWERY PASTEURIZER AND CAN WARMER SYSTEMS.** Add Garratt-Callahan Formula 315 to the tower basin, distribution box or some other point to ensure uniform mixing. **INITIAL DOSE:** When the system is noticeably fouled, apply 148 to 883 ppm Garratt-Callahan Formula 315 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of water in the system. Repeat until control is achieved. Badly fouled systems must be cleaned before treatment is begun. **SUBSEQUENT DOSE:** When microbial control is evident, add 35 to 219 ppm Garratt-Callahan Formula 315 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of water in the system weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump, to insure uniform mixing, 35 to 883 ppm Garratt-Callahan Formula 315 (0.2 to 1.86 pounds or 19 to 113 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of water in the system depending upon the severity of contamination to control bacteria, fungi, and algae which cause fouling in industrial air washer systems.

INTERMITTENT OR SLUG METHOD INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm Garratt-Callahan Formula 315 (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of water in the system. Repeat until control is achieved. **SUBSEQUENT DOSE:** When microbial control is evident, add 35 to 219 ppm Garratt-Callahan Formula 315 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of water weekly or as needed to maintain control. Badly fouled system should be cleaned before treatment is begun.

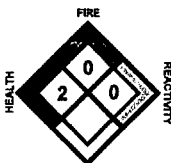
EPA REG. NO.	8540-23
EPA EST. NO.	8540-1-CA []
	8540-1-TX []
	8540-1-GA []
	8540-1-IL []
	8540-1-NJ []

REV. 1/7/2010

MADE IN USA
Page 1 of 2

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 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.
IF INHALED	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth. 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. Do not induce vomiting unless told to do so by the poison control center or doctor. Have person sip a glass of water if able to swallow.
HOT LINE NUMBER	
You may contact the Poison Center at 1-800-222-1222 for emergency medical treatment information.	
Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also call 1-303-623-5716 day or night 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 convulsions may be necessary.	

See Side Panel For Additional Precautionary Statements



PRODUCT NO. 0918615
NET WEIGHT 440 LBS. (52 GAL.)

3/4



Main Office: 50 Ingold Road, Burlingame, CA 94010 (650) 697-5811 FAX (650) 692-6098

Plants: Addison, IL Atlanta, GA Edison, NJ Dallas, TX Burlingame, CA

www.g-c.com

FORMULA 315

DIRECTIONS FOR USE - cont

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is just noticeably fouled, apply 148 to 883 ppm Garratt-Callahan Formula 315 (1.26 to 7.45 pounds or 19 to 113 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of water in the system.

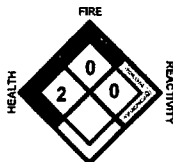
SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 36 to 219 ppm Garratt-Callahan Formula 315 (0.3 to 1.86 pounds or 4.6 to 28 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of makeup water.

Badly fouled systems must be cleaned before initial treatment.

NOTE: For use only in industrial air washing systems that maintain effective mist eliminating components.

IN PAPERMILL WATERS DOSAGE: Apply 0.44 to 1.5 pounds of Garratt-Callahan Formula 315 per ton (dry basis) of pulp or paper produced as a slug dose. If necessary, repeat daily. Badly fouled systems should be cleaned before the initial treatment. **POINT OF ADDITION:** Add Garratt-Callahan Formula 315 at a point in the system that assures uniform mixing for example, at the beater, the hydropulper, or the fan or broke storage pump.

UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,
8, PGII, (5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE)



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Avoid freezing, excessive heat or exposure to light, especially direct sunlight. Store in a cool, well ventilated location. If heating is necessary to prevent freezing, care must be taken to prevent overheating. Average product temperature should be maintained below 110°F. Temperature monitoring is recommended. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for management. Spills should be absorbed and properly disposed.

PESTICIDE DISPOSAL: Pesticide wastes may be 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 HANDLING:

NONREFILLABLE CONTAINER (Less than or equal to 5 gallon container):

Do not reuse or refill this container.

RESIDUE REMOVAL: Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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. Offer for recycling if available.

NONREFILLABLE CONTAINER (Greater than 5 gallon container):

Do not reuse or refill this container.

RESIDUE REMOVAL: Triple rinse container (or equivalent) promptly after emptying.

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. Offer for recycling if available.

CONDITIONS OF SALE AND WARRANTY

Garratt-Callahan warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. GARRATT-CALLAHAN MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or User are beyond the control of Garratt-Callahan. Risk such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by Buyer or User. **IN NO CASE WILL GARRATT-CALLAHAN BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

MANUFACTURED BY: GARRATT-CALLAHAN COMPANY

b/h