

1757-67

10/22/2009

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



Office of Pesticide Programs

OCT 22 2009

Drew Industrial Division  
Ashland Chemical Company  
Division of Ashland Inc.  
One Drew Plaza Boonton, N. J. 07005

Attention: Kathryn Ingram  
Regulatory Specialist

Subject: Biosperse 250  
EPA Registration No. 1757-67  
Your Notification Dated September 29, 2009

This will acknowledge receipt of your notification of a label change per PR Notice 2007-4, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been added to the file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)



United States  
Environmental Protection Agency  
Washington, DC 20460

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

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1757-67	2. EPA Product Manager Marshall Swindell / 33	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Biosperse 250	PM# # 33	
5. Name and Address of Applicant (Include ZIP Code)  Drew Industrial Division One Drew Plaza, Boonton, NJ 07005  <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 of a label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146 and 156.156. See attached letter for additional statements.

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 Kathryn Ingram	Title Regulatory Specialist	Telephone No. (Include Area Code) 904/256-0388
<b>Certification</b> 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 or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Kathryn Ingram</i>	3. Title Regulatory Specialist	
4. Typed Name Kathryn Ingram	5. Date September 29, 2009	

Name Kathryn Ingram  
Title Regulatory Specialist

7910 Baymeadows Way Jacksonville, FL 32256  
KRIngram@Ashland.com

September 29, 2009

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

Subject: Biosperse 250; EPA Registration # 1757-67  
**Notification per PR Notice 2007-4**

Dear Mr. Swindell:

This submission is to notify the EPA of a label change to the Storage & Disposal section of the Biosperse 250 label per PR Notice 2007-4.

This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, 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:

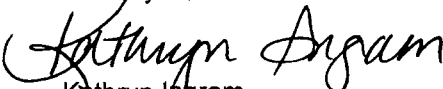
- Application form, EPA Form 8570-1
- Revised product label with changes clearly marked

Please send all correspondence to the following address:

Ashland Inc  
7910 Baymeadows Way  
Jacksonville, FL 32256  
Attn: Kathryn Ingram

Please contact me at 904-256-0311 or via email at [KRIngram@Ashland.com](mailto:KRIngram@Ashland.com) with questions or comments regarding this submission. Thank you for your assistance.

Thank you,

  
Kathryn Ingram

6/14

# BIOSPE

## MICRO

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

**CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS.  
MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL IF INHALED.  
HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.**

Do not get in eyes, on skin, on clothing. 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. This product may cause skin sensitization reactions in some people.

### ENVIRONMENTAL HAZARDS

This chemical 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 pesticide only as specified on this label.

### ACTIVE INGREDIENTS

5-Chloro-2-methyl-4-isothiazolin-3-one .....	1.15
2-Methyl-4-isothiazolin-3-one .....	0.41
<b>INERT INGREDIENTS .....</b>	<b>98.44</b>
<b>TOTAL .....</b>	<b>100.0</b>

The product contains the active ingredients at 0.1326 pounds per gallon

### KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
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. 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR ON 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.

**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.

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

EPA Reg. No. 1757-67

EPA Est. No.: 1757-NJ-01  
1757-TX-01  
74655-GA-001  
3876-OH-01

### FOR INDUSTRIAL USE ONLY NET CONTENTS MARKED ON DRUM

Sold by:



## ASHLAND

Ashland Chemical Company  
Division of Ashland Inc.

Contents could be of  
U.S. or Great Britain

One Drew Plaza, Boonton, New Jersey 07005  
Phone (873) 263-7600

24-hour Emergency Telephone Number  
1-800-274-5263 or 1-800-ASHLAND  
® Registered trademark, Ashland

# RSE<sup>®</sup> 250

## BIOCIDE

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons.

BIOSPERSE 250 microbiocide controls bacteria, fungi and algae in industrial recirculating cooling water systems such as cooling towers, pasteurizers, air washers and evaporative condensers and for use as a preservative in aqueous metal working fluids.

BIOSPERSE 250 microbiocide controls slime forming bacteria, sulfate reducing bacteria, yeast and fungi in oil field injection water and other oil field water systems.

BIOSPERSE 250 microbiocide is not recommended for use in potable water systems or where contamination of potable water can occur.

### INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS

For control of microorganisms add 25-100 ppm (0.21-0.84 pounds or 3.1-12.6 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbiocide to the system. The amount of antimicrobial required will depend on the nature and extent of contamination, quality of the makeup water and the degree of control required.

#### Intermittent or Slug Method

Initial Dose: When the system is noticeably fouled, apply 50-100 ppm (0.42-0.84 pounds or 6.3-12.6 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbiocide to the system. Repeat periodically until control is achieved. Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add 25-50 ppm (0.21-0.42 pounds or 3.1-6.3 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbiocide to the system weekly or as needed to maintain control.

#### **Pasteurizers**

Dosages for industrial recirculating cooling water systems associated with pasteurizers will vary depending upon the condition of the pasteurizer when treatment is begun and the retention time in the system.

In general, BIOSPERSE 250 microbiocide should be slug fed at dosages of 0.21 to 0.84 pounds (3.1 to 12.6 fluid ounces) per each 1000 gallons of water in the system.

For pasteurizers, BIOSPERSE 250 microbiocide should be added into the pre-cool reservoir or any other convenient point in the system which will allow for good distribution.

#### **Enhanced Oil Recovery**

Initial Dose: Apply 50-100 ppm (17.45-34.90 pounds or 2.03-4.06 gallons per each 1000 barrels of water) of BIOSPERSE 250 microbiocide one to four times per week or as needed to achieve control.

Maintenance Dose: When microbial control is evident, add 10-80 ppm (3.44-27.95 pounds or 0.40-3.20 gallons per each 1000 barrels of water) of BIOSPERSE 250 microbiocide one to four times per week or as needed to maintain control.

Additions of BIOSPERSE 250 microbiocide may be made at the free water knockouts, before or after the injection pumps and injection well headers or at any point from which, uniform mixing throughout the system can be achieved.

#### **METAL WORKING FLUIDS**

To maintain an uncontaminated system, a minimum dosage level of approximately 225 ppm (1.93 pounds or 29 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbiocide every four weeks would be appropriate. Every eight to twelve weeks, 250-1200 ppm (2.07-9.94 pounds or 31-148 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbiocide would be appropriate. For a noticeably fouled system, an initial treatment at a dosage range of 500-1160 ppm (4.14-9.63 pounds or 62-143 fluid ounces per 1000 gallons of water in the system) would be suitable followed by maintenance dosages. Higher dosages and more frequent treatments may be needed depending on the rate of dilution of the preservative in the makeup fluid, the nature and severity of contamination, the level of control required, the effectiveness of filtration and the system design.

### STORAGE AND DISPOSAL

#### DO NOT CONTAMINATE WATER, FOOD, AND FEED BY STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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. 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 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.

**GENERAL:** CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

**IMPORTANT NOTICE:** Seller warrants that the product conforms to its chemical description and is a reasonable fit for the purposes stated on the label under normal conditions of use. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL OR IMPLIED. THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN OTHER RESPECTS THAN AS EXPRESSLY SET FORTH HEREIN, ARE EXPRESSLY EXCLUDED AND DISCLAIMED.

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



**CORROSIVE LIQUID, ACIDIC,  
ORGANIC, N.O.S.**

**(5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE)**

**UN 3265**

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