

9386-38

7/15/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Kemira Chemicals, Inc.
1950 Vaughn Road
Kennesaw, GA 30144

JUL 15 2009

Attention: Dale A. Bauer
Regulatory Manager

Subject: Notification for an Alternate Brand Name
AMA-15 EPA Registration No. 9386-38
Amendment Letter dated June 11, 2009

This will acknowledge receipt of your notification for the aforementioned product labels, submitted under the provisions of FIFRA Section 3(c) (9). Based on a review of the submitted material, the following apply:

- Request for the alternate brand name "AMA-315".

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.



If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Swindell".

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

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| | | | | | |
|---|---|---|--|--|--|
|  | | 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 1 | | | | | |
| 1. Company/Product Number 9386-38 | | 2. EPA Product Manager Marshall Swindell | | 3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted | |
| 4. Company/Product (Name) AMA-15 | | PM# 33 | | | |
| 5. Name And Address Of Applicant (Include ZIP Code) Kemira Chemicals, Inc. 1950 Vaughn Road Kennesaw, GA 30144 <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"/> Resubmission in response to Agency <input checked="" type="checkbox"/> Notification – Explain below. | | <input type="checkbox"/> Final Printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other – Explain Below. | | | |
| Explanation: Use additional page(s) if necessary. (For section I and Section II.) Notification of Labeling Changes per PR Notice 98-10 (Alternate Brand Name (Section IIA)). 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 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 statement 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. | | | | | |
| Section III | | | | | |
| 1. Material This Product Will Be Packaged In: | | | | | |
| Child Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Certification must be submitted | Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" No. per Unit Packaging wgt. Container | Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" No. per Unit Packaging wgt. Container | 2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) <u>Tote is plastic in aluminum cage</u> | | |
| 3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(S) Retail Container: 5 gal/25L, 30 gal/115L; 55 gal/220L; 275 gal/1000L; Bulk | | 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 type="checkbox"/> Lithographed <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Other <u>Peel-off adhesive (self-sticking)</u> | | | |
| Section IV | | | | | |
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | | | | |
| Name Dale A. Bauer | | Title Environmental Manager | | Telephone No. (Include Area Code) 678-819-4684 | |
| 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 or both under applicable law. | | | | | 6. Date Application Received <div style="border: 1px solid black; height: 100px; width: 100%;"></div> |
| 2. Signature  | | 3. Title Environmental Manager | | | |
| 4. Typed Name Dale A. Bauer | | 5. Date June 11, 2009 | | | |

Health, Safety & Environmental Group

June 11, 2009

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

Attention: Marshall Swindell (PM 33)

Subject: AMA-15, Reg. No. 9386-38
Notification under PR 98-10 for Alternate Brand Name (AMA-315)

Dear Marshall:

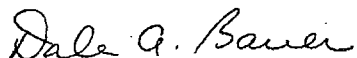
Enclosed please find a notification consistent with PR 98-10 for product labeling notifications under Section IIA, to add an alternate brand name for this product.

Enclosed with this application please find the following:

1. EPA Form 8570-1
2. One copy of the label with the revisions highlighted

Please let me know if there are any questions or if anything else is needed.

Sincerely,



Dale A. Bauer
Environmental Manager

KEMIRA CHEMICALS, INC.

1950 Vaughan Road
Kennesaw, GA 30144

TELEPHONE
678-819-4684dd

TOLL FREE
800-347-1542

FAX
678-819-4625

eMail
Dale.Bauer@Kemira.com

AMA[®]-315

ANTIMICROBIAL AGENT

Active Ingredients:

| | |
|--|---------------|
| 5-chloro-2-methyl-4-isothiazolin-3-one | 1.11% |
| 2-methyl-4-isothiazolin-3-one | 0.39% |
| Inert Ingredients: | <u>98.50%</u> |

TOTAL: 100.00%

DENSITY: 8.5 LBS/GAL

KEEP OUT OF REACH OF CHILDREN

DANGER

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 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 inhaled: | - Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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 the poison control center or doctor. - Do not give anything by mouth to an unconscious person. |

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

Contact CHEMTREC at 800-424-9300 for additional information.

See Side Panel For Additional Precautionary Statements

EPA REG. No. 9386-38

EPA EST. No. 9386-GA-3

MANUFACTURED BY

KEMIRA CHEMICALS, INC.
1950 Vaughn Road
KENNESAW, GEORGIA 30144

DIRECTIONS FOR USE

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

PAPER MILL SLIMICIDE: AMA®-315 is recommended for the control of bacterial and fungal slime in the production of paper.

POINT OF ADDITION: AMA®-315 should be added to a point in the system to insure uniform mixing such as the beater, hydropulper, or fan or broke storage pumps.

DOSAGE: Apply 0.44 to 1.5 lbs. (7 to 23 fluid ounces) of AMA®-315 per ton (dry basis) of pulp or paper produced as a slug dose. If needed, repeat daily. Badly fouled systems should be cleaned before initial treatment.

COATING PRESERVATION: AMA®-315 is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings. Add 0.43 - 1.65 lbs. of AMA®-315 microbiocide (195 - 750 g.) to each 1,000 lbs. (453 kg.) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS: For the control of bacteria, algae and fungi add AMA®-315 microbiocide to the tower basin, distribution box or some other point to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm AMA®-315 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-315 per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm AMA®-315 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-315 per 1,000 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 AMA®-315 microbiocide (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of AMA®-315 per 1,000 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 system.

INTERMITTENT OR SLUG METHOD: **INITIAL DOSE:** When the system is noticeably fouled, apply 148 to 883 ppm AMA®-315 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-315 per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm AMA®-315 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-315 per 1,000 gallons of water in the system) weekly or as needed to maintain control.

CONTINUOUS FEED METHOD: **INITIAL DOSE:** When the system is noticeably fouled, apply 148 to 883 ppm AMA®-315 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-315 per 1,000 gallons of water in the system).

SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 35 to 219 ppm AMA®-315 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-315 per 1,000 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.

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS: For the control of bacteria, algae and fungi, add AMA®-315 microbiocide in the reservoir, recirculating line or some other point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm AMA®-315 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-315 per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm AMA®-315 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-315 per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

ADHESIVE AND TACKIFIER PRESERVATION: AMA-315 is recommended as an in-container preservative for the control of bacteria and fungi in water-soluble and water-dispersed adhesives such as animal glues, vegetable glues, natural rubber lattices, polyvinyl acetate, styrene butadiene and acrylic lattices. AMA-315 is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

| Lb. of product | Kg of product | ppm of product | ppm active |
|--------------------------|-------------------------|-----------------------|-------------------|
| <u>Per 1000 lb fluid</u> | <u>per 453 kg fluid</u> | <u>ppm of product</u> | <u>ingredient</u> |
| 0.43 lb | 195 g | 425 ppm | 6.25 ppm |
| 1.65 lb | 750 g | 1675 ppm | 25.0 |

ULTRA FILTRATION UNITS AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS SYSTEMS: AMA®-315 is recommended for the control of bacteria and fungi in ultra filtration units and non-medical/non-potable reverse osmosis systems. Use of AMA®-315 in potable water or dialysis is prohibited. Add 10 - 333 ppm of AMA®-315 (0.15 - 5 ppm active ingredient) into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of AMA®-315 with reverse osmosis membranes should be confirmed with membrane manufacturers. For the control of bacteria and fungi in carbon beds, add 10 - 333 ppm of AMA®-315 (0.15 - 5 ppm active ingredient) by either continuous or batch feed. For periodic membrane cleaning, add 0.4 - 1.0 lb of AMA®-315 to every 120 gallon of cleaning solution (6.25 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun.

DISPERSED PIGMENT PRESERVATION: AMA®-315 microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper productions. Add 0.43 - 1.65 lbs. of AMA®-315 microbiocide (195 - 750g) to each 1,000 lbs (453 Kg) of fluid to provide 425 to 1675 ppm product (6.25 to 25 ppm active isothiazolones).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive: Causes irreversible eye damage or skin burns. Harmful if swallowed. Harmful if inhaled. Do not get in eyes, on skin, on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment: Persons exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes and 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 PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after using this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. 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 this label.

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: 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 directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic Containers - 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.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not apply this product in a way that will contact workers and other persons

DIRECTIONS FOR USE CONT.

BREWERY PASTEURIZERS AND CAN WARMERS: For the control of bacteria, algae and fungi in brewery pasteurizer and can warmer systems, add AMA[®]-315 microbiocide at a point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm AMA[®]-315 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA[®]-315 per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm AMA[®]-315 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA[®]-315 per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

POLYMER LATEX PRESERVATION

AMA-315 is recommended for the control of bacteria and fungi in the manufacturing and storage of synthetic and natural polymer latices including, acrylic, styrene/butadiene, carboxylated styrene/butadiene, ethylene/vinyl acetate; biopolymers intended for industrial use, such as a xanthan gum, gum arabic, guar gum, protein-derived polymers, starches, casein derived polymers, latices; and solution polymers. Add 0.43 - 3.3 pound of AMA-315 (195 gram - 1.5 kilogram) to each 1000 pound (453 kilogram) of emulsion to provide 425 - 3350 ppm product (6.25 - 50 ppm active isothiazolones).

NOTE: To insure uniform mixing, add AMA-315 to latex or solutions slowly with agitation. The actual required concentrations will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected, and level of product required.

PHOTOPLATE PROCESSING, FOUNTAIN SOLUTIONS AND INK/INK COMPONENTS: AMA-315 is recommended for the control of bacteria and fungi on photoplate processing such as stabilizer solutions and in fountain solutions. AMA-315 is recommended for water-based printing inks such as flexographic, gravure, screen and ink jet types. AMA-315 is recommended for the control of bacteria and fungi in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waxes, surfactants and thickeners. AMA-315 should be added to achieve the recommended dosage range for ink components, fountain solutions and photoplate processing chemicals of 0.1% to 1.0% on a total weight basis. The optimum level range for acidic fountain solutions is 0.2% to 0.5%; the optimum level range for neutral fountain solutions is 0.5% to 0.8%. A level adjustment may be necessary to accommodate the slight change in solution formulations.

NOTE: To insure uniform mixing, add AMA-315 to latex or solution slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected and level of protection required.

OIL FIELD INJECTION WATERS: For the control of slime-forming and sulfate-reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids, drilling, fracturing and completion fluids; treat with 67-332 ppm AMA-315 microbiocide depending on the severity of contamination.

INITIAL DOSE: Add 166-332 ppm AMA-315 (6.9 - 13.9 gallon or 58.0-116.8 pound per 1000 barrel of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

SUBSEQUENT DOSE: Add 67-166 ppm AMA-315 (2.8 - 6.9 gallon or 23.5 - 58.0 pound AMA-315 per 1000 barrel of water) every seven days or as needed to maintain control.