

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

APR 10 2013



Office of Pesticide Programs

Kemira Chemicals, Inc.
1000 Parkwood Circle, suite 500
Kennesaw, GA 30339

Attention: Colleen M. Snyder
Product Regulatory Specialist

Subject: AMA-24
EPA Registration No. 9386-3
Notification Dated March 12, 2013

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

Proposed Notification

- To add an Indoor, Nonfood Use Site to the Product Registration

General Comment

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

The Notification dated March 12, 2013 to add the existing approved use, "Construction Materials" 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 Martha Terry at (703) 308-6217.

Sincerely

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

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment Other <u> </u>	OPP Identifier Number
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Application for Pesticide – Section 1

1. Company/Product Number 9386-3	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) AMA-24 and its Alternates		PM# 33
5. Name And Address Of Applicant (Include ZIP Code) KEMIRA CHEMICALS INC 1000 PARKWOOD CIRCLE, Suite 500 ATLANTA GA 30339		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 _____
<input type="checkbox"/> Check if this is a new address		

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.

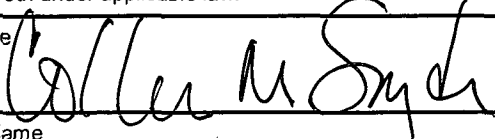
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to add an existing approved use, "Construction Materials", to existing US EPA Registered Pesticide; as per Pesticide Registration Notice PR 98-10, Notifications, Non-Notifications and Minor Formulation Amendments II. Label Notifications, C. Adding an Indoor, NonFood Site for an Antimicrobial Product.

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Unit Packaging wgt. No. per Container	<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: 5gal/25l, 30gal/115l, 55gal/220l, 275gal/1000l, 330gal/1200l, bulk-tanker		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 checked="" 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: Colleen M. Snyder	Title: Product Regulatory Specialist	Telephone No. (Include Area Code) 678-319-4566
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
2. Signature 		3. Title: Product Regulatory Specialist
4. Typed Name Colleen M. Snyder		5. Date 14 March 2013

Kemira

Water is the connection

**PRODUCT STEWARDSHIP AND
REGULATORY AFFAIRS
NORTH AMERICA**

12 MARCH 2013

Via FedEx Courier

Mr. Marshall Swindell
Product Manager #33
Document Processing Desk (NOTIF)
Office of pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington VA 22202-4501

RE: Pesticide Registration Notice PR 98-10, Notifications to Add a Use to a Registered Pesticide; EPA Reg. # 9386-3; AMA-24 and its Alternates.

Dear Mr Swindell:

As per Pesticide Registration Notice PR 98-10, Notifications, Non-Notifications and Minor Formulation Amendments II. Label Notifications, C. Adding an Indoor, NonFood Site for an Antimicrobial Product, Kemira respectfully notifies the Agency of the addition of the existing approved use to the Kemira Dazomet based finished products; **EPA Reg. # 9386-3; AMA-24 and its Alternates.**

This use, CONSTRUCTION MATERIALS: concrete, concrete admixtures and additives, caulking and caulking compounds, construction adhesives and masonry, has been approved on product labels such as EPA Reg. # 39967-118, VeriGuard OD.

Specifically enclosed to support this Notification is:

- One (1) copy EPA Form 8570-1 Application

KEMIRA CHEMICALS, INC.

1000 Parkwood Circle
Suite 500
Atlanta, GA 30339

TELEPHONE
678-819-4566 dd

TOLL FREE
800-347-1542

eMail
Colleen.Snyder@Kemira.com

DIRECTIONS FOR USE:

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

PAPER MILL SLIME CONTROL: For the control of slime-forming and/or spoilage bacteria, AMA@-24 is added at a point in the system (raw stock chest; beater and/or refiner chest or machine chest-wirepit) where it will be uniformly mixed. Application may be continuous or intermittent for a certain number of hours per day or per shift, depending upon system characteristics. Add 5 to 20 fluid ounces of AMA@-24 per ton of pulp or paper produced. **INTERMITTENT FEED METHOD:** Apply 12 to 20 fluid ounces of AMA@-24 per ton of pulp or paper produced for 2 hours every 8 hours. Badly fouled process systems must be cleaned before initial treatment. **CONTINUOUS FEED METHOD:** Apply 5 to 15 fluid ounces of AMA@-24 per ton (dry basis) of pulp or paper produced on a continuous basis. Badly fouled process systems must be cleaned before initial treatment.

OILFIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS: FOR CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA: Determine the total volume of the circulating system. Calculate the number of gallons of AMA@-24 needed to produce a concentration of 2,080 ppm (0.73 lb/bbl) of AMA@-24 in the drilling mud circulating system. For example, 75 gallons of AMA@-24 per 1000 barrels of drilling fluid will produce the proper concentration. For best results, add AMA@-24 in a thin stream to the mud pit while drilling fluid circulates. As the total volume increases due to greater well depth, add additional AMA@-24 to maintain the proper concentration. Because of the wide variation in drilling mud composition and bacterial contamination, lesser amounts of the AMA@-24 may be prescribed.

OILFIELD WATER TREATMENT AND WATER FLOODS: FOR CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA: Calculate the total volume of water to be treated. Using this volume, calculate the number of gallons of AMA@-24 needed to produce a concentration of approximately 2,500 ppm of AMA@-24. For example, 2.1 gallons of AMA@-24 per 1000 gallons of total volume will produce this dilution. 350 ppm of AMA@-24 added each week is recommended to maintain bacterial control. This may be accomplished by adding 0.30 gallons of AMA@-24 to each 1000 gallons of total volume. Because of the wide variation in waters found in the oil fields, greater or lesser amounts of AMA@-24 may be required in a particular location.

OIL AND GAS FIELD PROCESS WATERS: For use in water treatment and water floods add AMA@-24 at approximately 825 ppm (6.89 pounds per 1000 gallons equates to 825 ppm). Use 600 ppm (5.00 pounds per 1000 gallons) AMA@-24 weekly to maintain bacterial control.

OIL AND GAS PIPELINE AND TANK MAINTENANCE: For use in water bottoms in crude and refined hydrocarbon storage tanks, piping and transportation systems. Inject AMA@-24 directly into the water bottom or pipeline, or add to the hydrocarbon phase. Treat once daily for pipeline maintenance to once every one to two months for both storage and transportation systems. AMA@-24 should be applied to achieve 825-2000 ppm in the aqueous phase. Add higher concentrations to the hydrocarbon phase, which will result in longer term protection by gradual diffusion into the water phase. Dose will depend on the volume of crude or oil and the expected water fraction.

FOR THE PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS AND HIGH VISCOSITY SUSPENSIONS: For preservation of slurries and high viscosity suspensions, AMA@-24 should be added at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. Add AMA@-24 at use levels of 0.04 - 0.11% (400 ppm to 1100 ppm) by weight, based on the total formulation in slurries of starch, calcium carbonate or titanium dioxide; paper coatings; high viscosity suspensions (e.g. polymers, silica-polymer emulsions); polyvinyl alcohol/polyvinyl acetate based adhesives; starch based adhesives; dextrin based adhesives. The exact amount of material to be added for the preservation of any given formulation will depend on the components and local storage conditions. Dosage rates should be determined by actual test.

FOR THE PRESERVATION OF CONSTRUCTION MATERIALS: For preservation of concrete, concrete admixtures and additives, caulking and caulking compounds, construction adhesives and masonry, AMA@-24 should be added at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. Add AMA@-24 at use levels of 0.04 - 0.38% (400 ppm to 3800 ppm) by weight, based on the total formulation. The exact amount of material to be added for the preservation of any given formulation will depend on the components and local storage conditions. Dosage rates should be determined by actual test.

RECIRCULATING COOLING WATER SYSTEMS: FOR CONTROL OF ALGAE, FUNGI, AND SLIME-FORMING BACTERIA: Dosages for industrial recirculating cooling water systems will depend on the conditions of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply AMA@-24 to the cleaned system or when growth is first noticed according to the following schedule. **INITIAL DOSAGE:** Apply 3.25 - 6.5 fluid ounces (30-60 ppm) of AMA@-24 per each 1000 gallons of water in the system. This dosage may be as a continuous treatment or applied once, twice or three times weekly, or as required to control the growth of slime forming organisms. **SUBSEQUENT DOSAGE:** When microbial control is evident, add 0.5 - 3.25 fluid ounces (5-30 ppm) of AMA@-24 per 1000 gallons of water in the system as a continuous treatment daily or every 3 days or as required to maintain control.

AMA® -24

Active Ingredient:

Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione.....24%

Inert Ingredients:.....75%

TOTAL.....100%

(ANTIMICROBIAL AGENT FOR INDUSTRIAL USE ONLY)

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 swallowed: - Call 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.

If on skin: - 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.

- Have product container, label or label information 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.

This product may pose an aspiration pneumonia hazard.

Contact CHEMTREC at 800-424-9300 for additional information

See side panel for additional precautionary statements

EPA REG. NO. 9386-3

EPA EST. NO. 9386-GA-3

Manufactured By

KEMIRA

KEMIRA CHEMICALS, INC.
1000 PARKWOOD CIRCLE, SUITE 500
ATLANTA, GA 30339

LOT#

NET WT.

UN3266, CORROSIVE LI
N.O.S., (Sodium Hydroxid

**PRECAUTION
HAZARDS TO HUMAN**
DANGER: KEEP OUT OF REACH
eye damage and skin irritation. Do
goggles or face shield and rubber g
systems, appropriate PPE (long p
gloves, and goggles or face shield
Harmful if swallowed or absorbed th
ENVIRONMENTAL HAZARDS:
invertebrates, oysters and shrimp.
where drilling fluids (muds) are disc
effluent containing this product int
other waters unless in accordance
Discharge Elimination System (NPI
been notified in writing prior to dis
this product to sewer systems wit
treatment plant authority. For gu
Regional Office of the EPA.

PHYSICAL OR
Do not use, spill, p

STORAGE
Nonrefillable container. I
Do not contaminate water,

STORAGE: Protect from freezing
container closed when not in use. If
damage, collect liquid with absorbent
local, state and federal pesticide disp
PESTICIDE DISPOSAL: Pestic
disposal of excess pesticide, spray m
If these wastes cannot be disposed o
your State Pesticide or Environmen
representative at the nearest EPA Re;

CONTAINER DISPOSAL: Met
Then offer for recycling or reconditi
landfill, or by other procedures app
Containers - Triple rinse (or ei
reconditioning, or puncture and disp
if allowed by state and local authoriti

LABEL DATE: 12-MAR-13CMS

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6

AMA[®]-24

Active Ingredient:

Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione.....24%

Inert Ingredients:

TOTAL (ANTIMICROBIAL AGENTS FOR INDUSTRIAL USE ONLY).....75%

.....100%

KEEP OUT OF REACH OF CHILDREN

DANGER

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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 swallowed:	- Call 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. - 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 on skin or clothing:	- 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.
If inhaled:	- Have product container, label or label information with you when calling a poison control center or doctor for treatment. - Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. - This product may pose an aspiration pneumonia hazard. - Contact CHEMTREC at 800-424-9300 for additional information - See side panel for additional precautionary statements

EPA REG. NO. 9386-3

EPA EST. NO. 9386-GA-3

Manufactured By

KEMIRA

KEMIRA CHEMICALS, INC.
1000 PARKWOOD CIRCLE, SUITE 500
ATLANTA, GA 30339

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PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes severe eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. If used in cooling water systems, appropriate PPE (long pants, long-sleeved shirts, chemical resistant gloves, and goggles or face shield) must be used when applying this product. Harmful if swallowed or absorbed through skin. Avoid contamination of food.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. 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 OR CHEMICAL HAZARDS:

Do not use, spill, pour or store near open flame.

STORAGE AND DISPOSAL:

Nonrefillable container. Do not reuse or refill this container.

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

STORAGE: Protect from freezing and temperatures in excess of 140°F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect liquid with absorbent material and dispose of in accordance with local, state and federal pesticide disposal regulations.

PESTICIDE DISPOSAL: Pesticide wastes are acutely 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 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.

LABEL DATE: 12-MAR-13CMLS

LOT#

NET WT.

Pounds DENSITY: 9.7 LBS/GAL

UN3266, CORROSIVE LIQUID, BASIC, INORGANIC,
 N.O.S.,(Sodium Hydroxide),8, PGII