

9386-23

9/14/2009

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



Office of Pesticide Programs

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

SEP 14 2009

Attention: Dale A. Bauer

Subject: AMA-9
EPA Registration No. 9386-23
Notification Dated August 25, 2009

This will acknowledge receipt of your notification of labeling changes 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 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 <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide – Section 1

1. Company/Product Number 9386-23	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) AMA-9	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.
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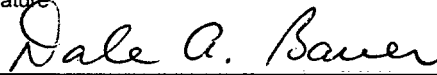
Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Notification of Labeling Changes per PR Notice 2007-4.

This notification is consistent with the provisions of 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 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 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.

Section III

1. Material This Product Will Be Packaged In:			
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	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>
* Certification must be submitted		If "Yes" No. per Unit Packaging wgt. Container	If "Yes" No. per Unit Packaging wgt. Container
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 checked="" type="checkbox"/> Other <u>Peel-off adhesive (self-sticking)</u> <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

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
2. Signature 	3. Title Environmental Manager	
4. Typed Name Dale A. Bauer	5. Date August 20, 2009	

Health, Safety & Environmental Group

August 25, 2009

Document Processing Desk (NOTIF)
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-9, Reg. No. 9386-23
Label Change Notifications under PR 2007-4, Container Management Rule

Dear Marshall:

As per instructions in the Container Management Rule, we are submitting one copy of the label with changes clearly marked in a way that can be photocopied along with a completed Form 8570-1.

If you have any questions, you can contact me at the number below.

Sincerely,



Dale A. Bauer
Environmental Manager

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.
INDUSTRIAL RECIRCULATING WATER COOLING TOWER AND EVAPORATIVE CONDENSERS: Dosages for industrial recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply AMA®-9 to the cleaned system or when growth is first noticed, according to the following schedule:

INITIAL DOSE: Apply 43.5 ounces of product per each 1000 gallons of water in the system (400 ppm). This dose may be repeated twice or three times weekly or as required to control the growth of slime-forming organisms.

SUBSEQUENT DOSE: When microbial control is evident add 7.3 to 14.3 fluid ounces of AMA®-9 per 1000 gallons of water (66.7-133.3 ppm) in the system every three days or as needed.

DRILLING FLUIDS: AMA®-9 is a highly effective microbiocide for use in controlling the growth of fungi and bacteria found in water based drilling muds. It is especially useful in muds containing starches, Xanthanate gums, and wood sugars. The uncontrolled growth of these fungi and bacteria can cause increased corrosion, undesirable odors, and degradation of the drilling mud, especially fluid loss properties.

AMA®-9 is used at the rate of 3.7 to 18.6 gallons per 100 bbl of mud (0.067% to 0.33%). It can be used directly from the shipping container or pre-diluted with water. It can be put in through the mud hopper or added to the pump suction.

CANE SUGAR MILLS: AMA®-9 is a liquid which should be fed directly into the cane juice so that the treated juice circulates to all parts of the mill tandem. The point or points of addition will depend upon mill design. Frequently the dosage will be split between the crusher juice and juice from the last mill. The best addition point is to juice which is circulated back to the crusher from the first mill. Do not add this product to the maceration water.

AMA®-9 should be fed continuously at the rate of 33.3 - 66.7 parts of product per million parts of cane ground per day. 33.3 ppm of product is the standard dosage. This may be raised up to a maximum of 66.7 ppm, if necessary. Conditions warranting some increase would be when grinding cane is damaged through freezing, poor weather or delays between cutting and grinding.

Proper feed of AMA®-9 is best obtained through the use of a chemical feed pump such as the adjustable proportioning type: the variable speed, positive displacement type; or the reciprocating type. The required dosage will depend on the average daily rate of cane ground. Refer to composite table I for the proper dosage in milliliters and ounces of AMA®-9 to be used per minute. Do not exceed feed rate of 15 gallons (130.7 pounds) of product per 1000 short tons of cane ground per twenty four hours.

The use of AMA®-9 does not replace good housekeeping. This should include regular cleaning at least once per shift. Regular hosing of mills, bagacillo conveyors, and screens is essential for maintaining efficient control of microbiological slime and sucrose losses.

Short tons of cane ground or raw beets sliced per day	RATE OF FEED OF AMA®-9			
	10 ppm		20 ppm	
	mi/min	oz/min	mi/min	oz/min
1,000	18.3	0.620	36.7	1.240
2,000	36.7	1.240	73.3	2.480
3,000	55.0	1.860	109.9	3.716
4,000	73.3	2.480	146.7	4.956
5,000	91.7	3.100	183.3	6.196
6,000	110.0	3.716	220.0	7.436
7,000	128.3	4.336	256.6	8.676
8,000	146.7	4.956	293.3	9.912
9,000	165.0	5.576	330.0	11.152
10,000	183.3	6.196	366.6	12.392

AMA®-9

AMA®-9 is a highly effective bactericide and fungicide for use in controlling the growth of fungi in industrial recirculating water cooling towers, drilling fluids and cane sugar.

Active Ingredients:	
Dibam (Sodium Dimethyldithiocarbamate)	4.5%
Nabam (Disodium Ethylene Bis-dithiocarbamate)	4.5%
Inert Ingredients:	91.0%
TOTAL	100.0%

This product contains the active ingredients Nabam and Sodium Dimethyldithiocarbamate 0.432 pounds each per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

First Aid	
If swallowed:	<ul style="list-style-type: none"> 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 poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If on skin or clothes:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 minutes. Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

- In case of an emergency call Chemtrec at 1-800-424-9300.
- Have the product container or label with you when calling a poison control center or doctor or going for treatment.

EPA REG. No. 9386-23

EPA EST. No. 938

Manufactured By

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

USE

manner inconsistent with its labeling.
ING TOWER AND EVAPORATIVE
 g water cooling towers or evaporative
 or to treatment initiation. Systems which
 AMA[®]-9 to the cleaned system or when

1000 gallons of water in the system (400
 weekly or as required to control the growth
 vident add 7.3 to 14.3 fluid ounces of
 e system every three days or as needed.
 biocide for use in controlling the growth
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 undesirable odors, and degradation of the

tbl of mud (0.067% to 0.33%). It can be
 h water. It can be put in through the mud
 uld be fed directly into the cane juice so
 lem. The point or points of addition will
 split between the crusher juice and juice
 is circulated back to the crusher from the

66.7 parts of product per million parts of
 ard dosage. This may be raised up to a
 g, some increase would be when grinding
 between cutting and grinding.
 é of a chemical feed pump such as the
 e displacement type; or the reciprocating
 e daily rate of cane ground. Refer to
 nces of AMA[®]-9 to be used per minute.
 oduct per 1000 short tons of cane ground

This should include regular cleaning at
 conveyors, and screens is essential for
 sucrose losses.

21		
ED OF AMA [®] -9		
20 ppm		
	mi/min	oz/min
1	36.7	1.240
20	73.3	2.480
40	109.9	3.716
60	146.7	4.956
80	183.3	6.196
100	220.0	7.436
120	256.7	8.676
140	293.3	9.912
160	330.0	11.152
180	366.6	12.392

AMA[®]-9

AMA[®]-9 is a highly effective bactericide and fungicide for use in controlling the growth of bacteria and fungi in industrial recirculating water cooling towers, drilling fluids and cane sugar mills.

Active Ingredients:

Dibam (Sodium Dimethyldithiocarbamate)	4.5%
Nabam (Disodium Ethylene Bis-dithiocarbamate).....	4.5%
Inert Ingredients:	91.0%
TOTAL	100.0%

This product contains the active ingredients Nabam and Sodium Dimethyldithiocarbamate at 0.432 pounds each per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

First Aid	
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 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 clothes:	- 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.
HOTLINE NUMBER	
1. In case of an emergency call Chemtrec at 1-800-424-9300. 2. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

EPA REG. No. 9386-23 EPA EST. No. 9386-GA-3

Manufactured By

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

PRECAUTIONS

HAZARDS TO HUMANS

Harmful if swallowed. Harmful if absorbed through contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT
 All industrial workers applying this product on pants, shoes, socks, and chemical-resistant goggles or face shield must also be worn.

USER SAFETY REQUIREMENTS
 Follow manufacturer's instructions for cleaning washables, use detergent and hot water. Keep away from children and pets.
ENGINEERING CONTROLS

This product must be loaded and transferred using a loading/application system for the following: evaporative condensers, drilling fluids, and other applications.
USER SAFETY RECOMMENDATION

Users should wash hands before eating, drinking, or using tobacco. Users should remove PPE immediately after use and before removing. As soon as possible, wash exposed areas with soap and water. Users should remove clothing immediately on clean clothing.

GENERAL PRECAUTIONS AND RESTRICTIONS
 Do not apply this product in a way that will contaminate food or feedstuffs.

ENVIRONMENTAL HAZARDS: This product is highly toxic to aquatic life. Do not discharge into estuarine oil fields where drilling fluids are used. Do not contaminate water by cleaning of equipment containing this product into lakes, streams, rivers, or other bodies of water in accordance with the requirements of a National Pollutant Discharge Elimination Act (NPDES) permit and the permitting authority has discharge effluent containing this product to a sewage treatment plant authority. For guidance, consult the EPA.

STORAGE

- 1. PROHIBITIONS:** ~~Nonrefillable containers~~ Do not store in containers that contaminate water, food, or feed by storage.
- 2. STORAGE:** Keep from freezing. Do not store in unapproved containers.
- 3. PESTICIDE DISPOSAL:** Pesticide waste is a violation of law. Do not spray mixture or rinseate is a violation of law. Do not use according to label instructions, contact your local health, safety, or environmental Agency, or the Hazardous Waste Regulatory Agency for guidance.
- 4. CONTAINER DISPOSAL:**
 - (a) ~~Offer for recycling if available, or~~
 - (b) **Metal Containers:** Triple rinse (or equivalent) and recycle where allowed. Do not incinerate or landfill or by other approved state and local authority.
 - (c) **Plastic Containers:** Triple rinse (or equivalent) and recycle where allowed. Do not incinerate or landfill or by other approved state and local authorities, by burning.

- 5. GENERAL:** Consult federal, state and local regulations for disposal procedures.

LOT#

NET CONTENTS
 DENSITY: 9.6 LBS/GAL

6/6

AMA[®]-9

Highly effective bactericide and fungicide for use in controlling the growth of bacteria in industrial recirculating water cooling towers, drilling fluids and cane sugar mills.

Ingredients:	
Nabam (Sodium Dimethyldithiocarbamate)	4.5%
Nabam (Disodium Ethylene Bis-dithiocarbamate).....	4.5%
Active Ingredients:	91.0%
Total:	100.0%

Contains the active ingredients Nabam and Sodium Dimethyldithiocarbamate at 91% per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

First Aid	
:	<ul style="list-style-type: none"> - 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.
:	<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.
:	<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.

HOTLINE NUMBER

In case of an emergency call Chemtrec at 1-800-424-9300. Keep this product container or label with you when calling a poison control center or doctor or going for treatment.

REG. No. 9386-23 EPA EST. No. 9386-GA-3

Manufactured By

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All industrial workers applying this product must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. During dilution, a chemical-resistant apron and goggles or face shield must also be worn.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

This product must be loaded and transferred only using a metering-pump system or a closed loading/application system for the following uses: industrial recirculating water cooling tower and evaporative condensers, drilling fluids, and cane sugar mills. Open pouring is prohibited.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not apply this product in a way that will contact worker or other persons. Avoid contamination of food and feedstuffs.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

STORAGE AND DISPOSAL:

1. **PROHIBITIONS:** ~~Nonrefillable container. Do not reuse or refill this container.~~ Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
2. **STORAGE:** Keep from freezing. Do not store below 32°F.
3. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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.
4. **CONTAINER DISPOSAL:**
 - (a) ~~Offer for recycling if available, or~~
 - (b) **Metal Containers:** Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill or by other approved state and local procedures.
 - (c) **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.
5. **GENERAL:** Consult federal, state or local disposal authorities for approved alternative procedures.

LOT#

NET CONTENTS: _____ Pounds
DENSITY: 9.6 LBS/GAL LABEL DATE: 18-Aug-09