9386-38

9/14/2009

1/6

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

EPA United States Environmental Protection Agency **Office of Pesticide Programs**

SEP 14 2009

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

Attention: Dale A. Bauer

Subject: AMA-15
EPA Registration No. 9386-38
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,

Martha Terry

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

Please read instructions on reverse side before completing form. Form Approved. OM. .. 2070-0060. Approval expires 05-31-98

EPA	United States Environmental Protection Agency Washington, DC 20460	☐ Registration ☐ Amendment ☒ Other	OPP Identifier Number

Application for Pesticide – Section 1

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
9386-38	Marshall Swindell	☐ None ☐ 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

☐ *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

☐ Amendment – Explain below.
☐ Resubmission in response to Agency
☒ Notification – Explain below.
☐ Final Printed labels in response to Agency letter dated _____
☐ "Me Too" Application.
☐ Other – Explain Below.

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	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes* ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Metal ☒ Plastic ☐ Glass ☐ Paper ☒ Other (Specify) **Tote is plastic in aluminum cage**
Certification must be submitted	If "Yes" Unit Packaging wgt. / No. per Container	If "Yes" Unit Packaging wgt. / No. per Container	

3. Location of Net Contents Information	4. Size(S) Retail Container: 5 gal/25L, 30 gal/115L; 55 gal/220L; 275 gal/1000L; Bulk	5. Location of Label Directions
☒ Label ☐ Container		☒ On Label ☐ On Labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithographed ☐ Paper glued ☐ Stenciled ☒ Other **Peel-off adhesive (self-sticking)**

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Dale A. Bauer	Environmental Manager	678-319-4684

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
Dale A. Bauer	Environmental Manager
4. Typed Name: Dale A. Bauer	5. Date: August 20, 2009

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete

33

3/6

kemira

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-15, Reg. No. 9386-38
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

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®-15

ANTIMICROBIAL AGENT

Active Ingredients:	
5-chloro-2-methyl-4-isothiazolin-3-one	1.1
2-methyl-4-isothiazolin-3-one	0.3
Inert Ingredients:	98.5
TOTAL:	100.0

DENSITY: 8.5 LBS/GAL

KEEP OUT OF REACH OF CHILDRE

DANGER

First Aid

If in eyes:	- Hold eye open and rinse slowly and gently with 15–20 minutes. Remove contact lenses, if present, first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment
If on skin or clothing:	- Take off contaminated clothing. - Rinse skin immediately with plenty of water f 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 ambula give artificial respiration, preferably by mouth-to possible. - Call a poison control center or doctor for treatment
If swallowed:	- Call a poison control center or doctor immedi treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by tl control center or doctor. - Do not give anything by mouth to an unconscious p
Note to physician: Probable mucosal damage may contraindicate t gastric lavage. Measures against circulatory shock, respiratory depre convulsions may be necessary.	
Contact CHEMTREC at 800-424-9300 for additional informa	

See Side Panel For Additional Precautionary Statements

EPA REG. No. 9386-38 EPA EST. No. 9386-G/

MANUFACTURED BY

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

Label date: 18-Jan-09

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®-15 is recommended for the control of bacterial and fungal slime in the production of paper.

POINT OF ADDITION: AMA®-15 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®-15 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®-15 microbiocide 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®-15 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®-15 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®-15 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-15 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®-15 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-15 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®-15 microbiocide (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of AMA®-15 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®-15 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-15 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®-15 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-15 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®-15 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-15 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®-15 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-15 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®-15 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®-15 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-15 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®-15 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-15 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-15 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-15 is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

Lb. of product Per 1000 lb fluid	Kg of product per 453 kg fluid	ppm of product	ppm active ingredient
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®-15 is recommended for the control of bacteria and fungi in ultra filtration units and non-medical/non-potable reverse osmosis systems. Use of AMA®-15 in potable water or dialysis is prohibited. Add 10 – 333 ppm of AMA®-15 (0.15 - 5 ppm active ingredient) into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of AMA®-15 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®-15 (0.15 - 5 ppm active ingredient) by either continuous or batch feed. For periodic membrane cleaning, add 0.4 - 1.0 lb of AMA®-15 to every 120 gallon of cleaning solution (6 - 15 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun.

DISPERSED PIGMENT PRESERVATION: AMA®-15 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®-15 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).

LOT#

NET WT. X,XXX Pounds

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE) UN 3265

5/6

FOR USE

in a manner inconsistent with its labeling.
: control of bacterial and fungal slime in the production of

ı the system to insure uniform mixing such as the beater,

·15 per ton (dry basis) of pulp or paper produced as a slug
ıed before initial treatment.
ınmended as an in-container preservative for the control of
Add 0.43 - 1.65 lbs. of AMA®-15 microbiocide (195 -750
ı product (6.25 to 25 ppm active isothiazolones).
WERS: For the control of bacteria, algae and fungi add
ıe other point to insure uniform mixing.
148 to 883 ppm AMA®-15 microbiocide (1.26 to 7.46
f water in the system). Repeat until control is achieved.
5 to 219 ppm AMA®-15 microbiocide (0.3 to 1.86 pounds
r in the system) weekly or as needed to maintain control.

ill water sump, to insure uniform mixing. 35 to 883 ppm
l ounces of AMA®-15 per 1,000 gallons of water in the
bacteria, fungi and algae which cause fouling in industrial

When the system is noticeably fouled, apply 148 to 883
luid ounces of AMA®-15 per 1,000 gallons of water in the

35 to 219 ppm AMA®-15 microbiocide (0.3 to 1.86 pounds
n the system) weekly or as needed to maintain control.
the system is noticeably fouled, apply 148 to 883 ppm
d ounces of AMA®-15 per 1,000 gallons of water in the
by adding a continuous feed of 35 to 219 ppm AMA®-15
AA®-15 per 1,000 gallons of makeup water). Badly fouled
use only in industrial air washing systems that maintain

ER COOLING SYSTEMS: For the control of bacteria,
circulating line or some other point in the system to insure

y 148 to 883 ppm AMA®-15 microbiocide (1.26 to 7.46
of water in the system). Repeat until control is achieved.
35 to 219 ppm AMA®-15 microbiocide (0.3 to 1.86 pounds
er in the system) weekly or as needed to maintain control.

15 is recommended as an in-container preservative for the
ersed adhesives such as animal glues, vegetable glues,
: and acrylic lattices. AMA-15 is recommended as a
resins.

ppm of product	ppm active ingredient
425 ppm	6.25 ppm
1675 ppm	25.0

NON-POTABLE REVERSE OSMOSIS SYSTEMS:
in ultra filtration units and non-medical/non-potable reverse
s is prohibited. Add 10 – 333 ppm of AMA®-15 (0.15 - 5
ıe osmosis systems by either continuous feed or periodic
osis membranes should be confirmed with membrane
eds, add 10 - 333 ppm of AMA®-15 (0.15 - 5 ppm active
nbrane cleaning, add 0.4 - 1.0 lb of AMA®-15 to every 120
adly fouled systems should be cleaned before treatment is

crobiocide is recommended for the control of bacteria and
such as kaolin clay, montmorillite clay, titanium dioxide,
silicate, and kieselguhr used in paint and paper productions.
each 1,000 lbs (453.Kg) of fluid to provide 425 to 1675 ppm

NET WT. X,XXX Pounds

ORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE) UN 3265

AMA®-15

ANTIMICROBIAL AGENT

Active Ingredients:	
5-chloro-2-methyl-4-isothiazolin-3-one	1.11%
2-methyl-4-isothiazolin-3-one	0.39%
Inert Ingredients:	98.50%
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

Label date: 18-Jan-09

PRECAUTIONARY STATEMEN

HAZARDS TO HUMANS AND DOMESTIC

DANGER. Corrosive: Causes irreversible eye damage
get in eyes, on skin, on clothing. Prolonged or frequ
individuals.
Personal Protective Equipment: Persons exposed to th
resistant gloves such as nitrile or butyl rubber; shoes
Discard clothing or other absorbent materials that ha
concentrate. Do not reuse them. Follow manufacturer's i
washables exist, use detergent and hot water. Keep and
before eating, drinking, chewing gum, using tobacco or
gets inside. Then wash thoroughly and put on clean cloth
Wash the outside of gloves before removing. As soon as
ENVIRONMENTAL HAZARDS: This pesticide is t
product into lakes, streams, ponds, estuaries, oceans or o
Pollutant Discharge Elimination System (NPDES) perm
discharge. Do not discharge effluent containing this pro
treatment plant authority. For guidance contact your Sta
water by cleaning of equipment or disposal of waste. Ap

STORAGE AND DISPOSAL:
Nonrefillable container. Do not reuse or refill this conta
Do not contaminate water, food or feed by storage, dispo
PESTICIDE STORAGE: Do not store or transport in
PESTICIDE DISPOSAL: Pesticide wastes are acutel
violation of Federal Law. If these wastes cannot be d
Pesticide or Environmental Control Agency, or the Haz
guidance.
CONTAINER DISPOSAL: Metal Containers - Triple
puncture and dispose of in a sanitary landfill, or by
Containers - Triple rinse (or equivalent). Then offer for
landfill, or incineration, or, if allowed by state and local

GENERAL PRECAUTIONS AND RESTRICTIO
Do not apply this product in a way that will contact worke
DIRECTIONS FOR USE CONT.
BREWERY PASTEURIZERS AND CAN WARI
pasteurizer and can warmer systems, add AMA®-15 mi
INITIAL DOSE: When the system is noticeably fo
pounds or 19 to 113 fluid ounces of AMA®-15 per 1,00
SUBSEQUENT DOSE: When microbial control is evi
or 4.5 to 28 fluid ounces of AMA®-15 per 1,000 gall
Badly fouled systems must be cleaned before treatment
POLYMER LATEX PRESERVATION
AMA-15 is recommended for the control of bacteria
polymer latices including, acrylic, styrene/buta
biopolymers intended for industrial use, such as a
starches, casein derived polymers, latices; and soluti
kilogram) to each 1000 pound (453 kilogram) of er
isothiazolones).
NOTE: To insure uniform mixing, add AMA-15 to late
will depend upon such factors as the specific substance
and level of product required.
PHOTOPLATE PROCESSING, FOUNTAIN
recommended for the control of bacteria and fungi c
solutions. AMA-15 is recommended for water-bas
types. AMA-15 is recommended for the control
plasticizers, water soluble dyes, pigments, gelling a
to achieve the recommended dosage range for ink c
of 0.1% to 1.0% on a total weight basis. The optin
optimum level range for neutral fountain solutic
accommodate the slight change in solution formulati
NOTE: To insure uniform mixing, add AMA-15 t
required will depend upon such factors as the s
contamination expected and level of protection requ
OIL FIELD INJECTION WATERS: For the cc
field water systems including enhanced recovery injecti
ppm AMA-15 microbicide depending on the severity of
INITIAL DOSE: Add 166-332 ppm AMA-15 (6.9 – 1
system where it will be uniformly mixed. Repeat treatm
SUBSEQUENT DOSE: Add 67-166 ppm AMA-15 (2
every seven days or as needed to maintain control.

AMA®-15

ANTIMICROBIAL AGENT

gredients:	
5-chloro-2-methyl-4-isothiazolin-3-one	1.11%
2-methyl-4-isothiazolin-3-one	0.39%
:dients:	98.50%
TOTAL:	100.00%

DENSITY: 8.5 LBS/GAL

EEP OUT OF REACH OF CHILDREN

DANGER

First Aid

- 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.

or
- 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.

:
- 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.

ed:
- 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.

hysician: Probable mucosal damage may contraindicate the use of ıge. Measures against circulatory shock, respiratory depression and s may be necessary.

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

See Side Panel For Additional Precautionary Statements

\ REG. No. 9386-38 EPA EST. No. 9386-GA-3

MANUFACTURED BY

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

Label date: 18-Jan-09

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 form 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:

Nonrefillable container. Do not reuse or refill this container.

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 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®-15 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®-15 microbiocide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of AMA®-15 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®-15 microbiocide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of AMA®-15 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-15 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-15 (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-15 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-15 recommended for the control of bacteria and fungi on photoplate processing such as stabilizer solutions and in fountain solutions. AMA-15 is recommended for water-based printing inks such us flexographic, gravure, screen and ink jet types. AMA-15 is recommended for the control of bacteria and fungi in printing ink components such as resins, plasticizers, water soluble dyes, pigments, gelling agents, waves, surfactants and thickeners. AMA-15 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% so 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-15 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, slug treat with 67-332 ppm AMA-15 microbicide depending on the severity of contamination.

INITIAL DOSE: Add 166-332 ppm AMA-15 (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-15 (2.8 – 6.9 gallon or 23.5 – 58.0 pound AMA-15 per 1000 barrel of water) every seven days or as needed to maintain control.