



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 22, 2016

Jamie Rhodes
PSRA Specialist
Kemira Chemicals, Inc.
1000 Parkwood Circle, Suite 500
Atlanta, GA 30339

Subject: Label Notification per PRN 2007-4 – Updating container disposal instructions
Product Name: AMA®-10S
EPA Registration Number: 9386-26
Application Date: February 10, 2016
Decision Number: 514091

Dear Ms. Rhodes:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 2007-4 and finds that the action requested falls within the scope of PRN-2007-4.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label (and can be added by non-notification via PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me at (703) 308-8735 or by email at chao.julie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs

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®-10S is added at a point in the system (raw stock chest, beater and/or refiner chest, machine chest or 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 2 to 5 fluid ounces of AMA®-10S per ton of paper produced. **Intermittent Feed Method:** Apply 3.5 to 5.0 fluid ounces of AMA®-10S per ton (dry basis) of pulp or paper for 2 hours every 8 hours. Badly fouled systems must be cleaned before initial treatment. **Continuous Feed Method:** Apply 2 to 4 fluid ounces of AMA®-10S per ton (dry basis) of pulp or paper produced on a continuous basis. Badly fouled process systems must be cleaned before initial treatment. Consult your Kemira representative for technical advice concerning certain site problems.

***RECIRCULATING COOLING WATER SYSTEMS: FOR CONTROL OF SLIME FORMING-BACTERIA:** Bacterial Control (cooling towers, evaporative condensers): Use 1.6 to 7.9 fluid ounces of AMA®-10S per 1,000 gallons water (1.25 to 6.20 ppm active) as a continuous or intermittent treatment, one to three times a week or as required to maintain control. When the system is just noticeably fouled, use 5.8 to 12.5 fluid ounces of AMA®-10S per 1,000 gallons water (4.5 to 9.8 ppm active) daily or as required to obtain control. Badly fouled systems must be cleaned before treatment is begun. Apply at a point in the system where uniform mixing and even distribution will occur, such as the cooling tower basin or sump.

***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®-10S needed to produce a concentration of 5,000 ppm (1.75 lb/bbl) of AMA®-10S in the drilling mud circulating system. For example, 211 gallons of AMA®-10S per 1000 barrels of drilling fluid will produce the proper concentration. For best results, add AMA®-10S 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®-10S to maintain the proper concentration. Because of the wide variation in drilling mud composition and bacterial contamination, greater or lesser amounts of the AMA®-10S 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®-10S needed to produce a concentration of approximately 750 ppm AMA®-10S. For example, 0.75 gallons of AMA®-10S per 1000 gallons of total volume will produce this dilution. Add AMA®-10S as a slug treatment or intermittently. 500 ppm of AMA®-10S, added each week is recommended to maintain bacterial control. This may be accomplished by adding 0.50 gallons of AMA®-10S to each 1,000 gallons of total volume. Because of the wide variation in waters found in the oil fields, greater or lesser amounts of AMA®-10S may be required in a particular location.

***SOLUTIONS AND EMULSIONS:** For the preservation of solutions, emulsions, adhesives and other aqueous liquid products, the addition of 75 to 750 ppm of AMA®-10S is effective. Add AMA®-10S at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. The exact amount of AMA®-10S to be added for the preservation of given formulations will depend on the components as well as local storage time and condition. Dosage rates should be determined by actual test. This product is not cleared for use in the manufacture of adhesives that may come in contact with food.

***METAL WORKING FLUIDS:** For the control of fungus and bacteria in metal working fluids that contain water, add 100 to 400 ppm of AMA®-10S (0.10 to 0.40 gallons per 1,000 gallons of fluid in the collection tank is recommended. Thoroughly mix the fluid after adding AMA®-10S to insure complete dispersion.

FUEL PRESERVATION: For control of bacterial and fungal growth in the following liquid hydrocarbon fuels and oils (crude oil, diesel fuel, residual fuel oils, coal slurries, liquefied petroleum gases, kerosene and petrochemical feedstocks) add a slug dose of 50 - 100 ppm AMA®-10S. Repeat as needed to gain control.

To maintain control, feed 25 - 50 ppm AMA®-10S once a month or as needed. Should disposal of tank bottom water become necessary, wait at least 48 hours after last AMA®-10S treatment before draining tank. Do not discharge water directly to ground where it can enter streams, lakes or ponds.

[*Uses are not registered in California]

UN2922, CORROSIVE LIQUID, TOXIC,
N.O.S. (METHYLENE
BIS(THIOCYANATE)), 8, 6.1, PGIII

AMA®-10S

Active Ingredient:
Methylene bis (thiocyanate)10%
Inert Ingredients:..... 90%
TOTAL 100%

(ANTIMICROBIAL AGENT – FOR INDUSTRIAL USE ONLY)

KEEP OUT OF REACH OF CHILDREN
DANGER

POISON



First Aid	
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.
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 further treatment.
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 further treatment.
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.
Have the container or label with you when calling a Poison Control Center (1-800-222-1222) or doctor or going for treatment.	
Contact CHEMTREC at 1-800-424-9300 for additional information.	

kemira

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

EPA REG. No. 9386-26

EPA EST. No. 9386-GA-3

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE: Causes irreversible eye damage or skin burns. Fatal if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and all other handlers must wear: Coveralls over long-sleeved shirt and long pants; Socks and chemical resistant footwear; Goggles or face shield; Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton and Respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with an R, P, or HE prefilter; Chemical resistant apron must be worn by mixers, loaders and for persons cleaning equipment. Follow manufacturer’s instructions for cleaning/maintaining PPE. If there are not such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS: User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. If pesticide gets inside clothing remove clothing immediately, 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 and change into clean clothing. Do not apply this product in a way that will contact workers or other persons.

ENGINEERING CONTROLS: For application to cooling water systems of ≥ 4,000 gallons: Do not apply by open pouring of liquid to cooling water systems: a metering pump delivery system is required for this use and application method.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply in marine or estuarine oil fields. 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:

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE 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:

Nonrefillable container greater than 5 gallons. - Do not reuse or refill this container.
Nonrefillable containers equal to or less than 5 gallons - Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.
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.

NOTIFICATION

9386-26

LOT#: _____ The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated: _____

NET WT.: _____ Pounds DENSITY: 9.1 LBS/GAL

4/22/2016