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**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:** Dosage for industrial recirculating water cooling tower 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<sup>®</sup>-30 to the cleaned system or when growth is first noticed, according to the following schedule:

**INITIAL DOSE:** Apply 13.06-43.60 ounces of product per each 1,000 gallons of water in the system (120-400 ppm). This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

**SUBSEQUENT DOSE:** When microbial control is evident, add 2.18 to 4.36 fluid ounces of AMA<sup>®</sup>-30 per 1,000 gallons of water (20-40 ppm) in the system every three days or as needed.

**AIR WASHERS:** In treating air washer systems, preclean by introducing a suitable detergent solution into the system and allow air washer to run with fan off for two hours. Check all nozzles and manually clean those that are plugged.

**FEEDING:** AMA<sup>®</sup>-30 may be fed directly from the drum or diluted with water and fed by any suitable feed system. AMA<sup>®</sup>-30 should be dosed directly into the sump or basin or any other location where good distribution can be assured.

**INITIAL DOSE:** Apply 13.06-21.80 ounces of product per each 1000 gallons of water in the system (120-200 ppm). This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

**SUBSEQUENT DOSE:** When microbial control is evident add 2.18-4.36 fluid ounces of AMA<sup>®</sup>-30 per 1000 gallons of water (20-40 ppm) in the system every three days or as needed.

**PAPER MILLS:** Dosage will vary from 0.1 to 2.0 pounds (0.04 to 0.81 quarts) of AMA<sup>®</sup>-30 per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water and type and degree of contamination.

**FEEDING:** AMA<sup>®</sup>-30 may be drip fed continuously from the drum or fed by a suitable chemical pump such as adjustable proportioning types, variable speed, positive displacement types or by the reciprocating type. This product should be fed as early as possible in the system at such points including the hydropulper, machine chest or broke system. AMA<sup>®</sup>-30 can be used to control slime on machines which can make paper and paperboard for use in packaging.

**BEET SUGAR MILLS:** AMA<sup>®</sup>-30 should be fed directly into the pulp press water during sugar extraction of beets to keep equipment free of bacterial slime deposits. It is to be used at the rated of 10-20 ppm of raw beets sliced, and fed continuously with a metering pump. A portion of the AMA<sup>®</sup>-30 may be fed into other streams entering the diffuser each at a minimum rate of 4 ppm. The maximum total rate of all streams to be fed is 20 ppm. Refer to Composite Table 1 for the proper dosage in milliliters and ounces of AMA<sup>®</sup>-30 to be used per minute.

**CANE SUGAR MILLS:** AMA<sup>®</sup>-30 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 points of addition will depend on 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 at first mill. Do not add this product to the maceration water.

AMA<sup>®</sup>-30 should be fed continuously at the rate of 10-20 parts of product per million parts of cane ground per day. 10 ppm of product is the standard dosage. This may be raised up to a maximum of 20 ppm, if necessary. Conditions warranting some increase would be when grinding cane damaged through freezing, poor weather or delays between cutting and grinding. Do not exceed feed rate of 4 gallons (39.2 pounds) of product per 1000 short tons of cane ground per twenty-four hours.

Proper feed of AMA<sup>®</sup>-30 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<sup>®</sup>-30 to be used per minute.

Do not exceed feed rate of 4 gallons (39.2 pounds) of product per 1000 short tons of cane ground per twenty four hours.

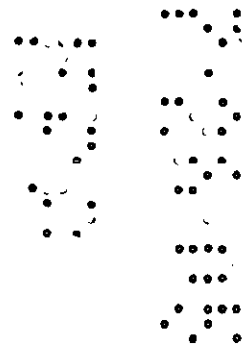
The use of AMA<sup>®</sup>-30 does not replace good housekeeping. This should include regular cleaning at least once per shift. Regular hosing with hot water and steam of mills, bagacillo conveyors and screens is essential for maintaining efficient control of microbiological slime and sucrose losses.

Short tons of cane ground or raw beets sliced per day	Composite Table 1			
	RATE OF FEED OF AMA <sup>®</sup> -30			
	10 ppm		20 ppm	
	ml/min	oz/min	ml/min	oz/min
1,000	5.5	0.186	11	0.372
2,000	11.0	0.372	22	0.744
3,000	16.5	0.558	33	1.115
4,000	22.0	0.744	44	1.487
5,000	27.5	0.930	55	1.859
6,000	33.0	1.115	66	2.231
7,000	38.5	1.301	77	2.603
8,000	44.0	1.487	88	2.974
9,000	49.5	1.673	99	3.347
10,000	55.0	1.859	110	3.718

**ACCEPTED**

**JAN 09 2006**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 9386-11



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# AMA<sup>®</sup>-30

AMA<sup>®</sup>-30 is a highly effective bactericide and fungicide for use in controlling the growth of bacteria and fungi found in paper mills, beet sugar mills, and cane sugar mills.

AMA<sup>®</sup>-30, in addition to being a bactericide and fungicide, is a highly effective algaecide for use in controlling the growth of algae, as well as bacteria and fungi found in industrial recirculating water cooling towers, evaporative condensers, and air washers.

## ANTIMICROBIAL AGENT FOR INDUSTRIAL USE

**Active Ingredients:**

Sodium Dimethyldithiocarbamate ..... 15%

Nabam (Disodium ethylene bis-dithiocarbamate) ..... 15%

Inert Ingredients: ..... 70%

TOTAL ..... 100%

This product contains the active ingredients Nabam and Sodium Dimethyldithiocarbamate at 1.44 pounds each per gallon. This product contains the impurity Ethylene thiourea at 0.080%.

**KEEP OUT OF REACH OF CHILDREN**

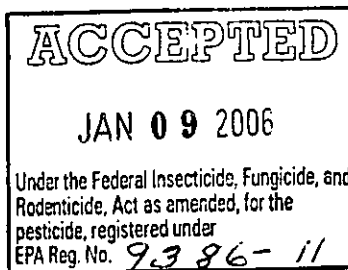
## WARNING

<b>First Aid</b>	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>- Call poison control center or doctor immediately for treatment advice.</li> <li>- Have person sip a glass of water if able to swallow.</li> <li>- Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>- Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>- Hold eye open and rinse slowly and gently with water for 15–20 minutes.</li> <li>- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>- Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothes</b>	<ul style="list-style-type: none"> <li>- Take off contaminated clothing.</li> <li>- Rinse skin immediately with plenty of water for 15–20 minutes.</li> <li>- Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
<ol style="list-style-type: none"> <li>1. In case of emergency call Chemtrec at 1-800-424-9300.</li> <li>2. Have the product container or label with you when calling a poison control center or doctor or going for treatment.</li> </ol>	

EPA Reg. No. 9386-11    EPA EST. No. 9386-GA-3

**Manufactured By**

**KEMIRA CHEMICALS, INC.**  
**245 TownPark Drive, Suite 200**  
**KENNESAW, GA 30144**



AMA-30 label – Right panel (page 3 of 3)

**PRECAUTIONARY STATEMENTS:**

**HAZARD 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 metering-pump system or a closed loading/application system for the following uses: industrial recirculating water cooling tower and evaporative condensers, air washers, paper mills, beet sugar mills, and cane sugar mills. Open pouring 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 the 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.

**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 of Regional Office of the EPA.

**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.

**STORAGE AND DISPOSAL:**

**1. PROHIBITIONS:** 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) Reseal container and offer for reconditioning, 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: 26-Jul-05

**ACCEPTED**

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