



**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 TOWERS 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<sup>®</sup>-9 to the cleaned system or when growth is first noticed, according to the following schedule:

**INITIAL DOSE:** Apply 43.5 fluid ounces of product per each 1,000 gallons of water in the system (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 7.3 to 14.5 fluid ounces of AMA<sup>®</sup>-9 per 1,000 gallons of water (67 to 133 ppm) in the system every three days or as needed.

**CANE SUGAR MILLS:**AMA<sup>®</sup>-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<sup>®</sup>-9 should be fed continuously at the rate of 33.3 to 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. See specific feeding directions on the Technical Data Sheet.

Do not exceed feed rate of 15 gallons (133.7 pounds) of product per 1,000 short tons of cane ground per 24 hours.

**DRILLING FLUIDS:**AMA<sup>®</sup>-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 fluids loss properties.

AMA<sup>®</sup>-9 is used at the rate of 3.7 to 18.7 gallons per 100 barrels of mud (0.067% to 0.33%). It may be used directly from the shipping container or pre-diluted with water. It can be added through the mud hopper or directly to the pump suction.

**AMA<sup>®</sup>-9**

**ANTIMICROBIAL AGENT FOR INDUSTRIAL USE**

Active Ingredients:

|   |        |
|---|--------|
| Sodium Dimethyldithiocarbamate.....               | 4.5%   |
| Nabam (Disodium ethylene bisdithiocarbamate)..... | 4.5%   |
| Inert Ingredients:.....                           | 91.0%  |
| TOTAL.....  | 100.0% |

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

| First Aid   |  |
|---|--|
| <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 clothing:</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>  |
| Contact CHEMTREC at 800-424-9300 for additional information<br>See side panel for additional precautionary statements |  |

EPA REG. No. 9386-23

EPA EST. No. 9386-GA-1

**Manufactured By**

**VININGS INDUSTRIES**



**QUALITY FIRST**

**245 TownPark Drive, Suite 200  
KENNESAW, GA 30144-5515**

ACCEPTED  
with COMMENTS  
by EPA Permit No. 9386-GA-1

APR 15 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amendments, the pesticide is registered under EPA Reg. No.

9386-23

**PRECAUTION**

**HAZARDS TO HUMAN**

**CAUTION:** Harmful or fatal if swallowed and skin irritation. In case of contact, wash with soap and water. All industrial workers should wear long-sleeved shirt and long pants, shoes, and a chemical-resistant apron and gloves.

**ENVIRONMENTAL HAZARDS:** This product is toxic to aquatic life in estuarine oil fields where drilling fluids are discharged. Do not discharge effluent containing this product into surface waters unless in accordance with the National Pollution Discharge Elimination System (NPDES) permit and local regulations. Do not discharge effluent previously notifying the local sewage treatment plant, State Water Board or Regional Office of the State Water Board.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use, spill, or dispose of in accordance with local, state, or federal regulations.

**STORAGE:** Do not contaminate water.

**STORAGE:** Protect from freezing and store in a cool, dry place. Closed when not in use. If contents are spilled, dispose of in accordance with local, state, or federal regulations.

**PESTICIDE DISPOSAL:** Pesticide waste, spray mixture, or rinsate is a violation of federal, state, or local regulations. Agency, or the Hazardous Waste representative.

**CONTAINER DISPOSAL:** Metal containers should be recycled or reconditioning, or punctured and destroyed in accordance with procedures approved by state and local authorities. Then offer for recycling or sanitary landfill, or incineration, or, if a flammable liquid, stay out of smoke.

DENSITY: 8.7 LBS/GAL

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