

## DIRECTIONS FOR USE:

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

### FOR USE AS A PRESERVATIVE OF INDUSTRIALLY PREPARED WATER BASED SUSPENSIONS (PIGMENT SLURRIES, ADHESIVES, POLYMERS AND STARCHES), AND AS AN ANTIMICROBIAL IN OILFIELD OPERATIONS AND RECIRCULATING COOLING WATER SYSTEMS.

### FOR THE PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS AND HIGH VISCOSITY SUSPENSIONS:

For preservation of slurries and high viscosity suspensions, AMA<sup>®</sup>-35D-P should be added at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. Add AMA<sup>®</sup>-35D-P at use levels of 0.04 - 0.11% by weight, based on the total formulation in slurries of starch, clay, calcium carbonate or titanium dioxide; paper coatings; high viscosity suspensions (e.g. polymers, silica-polymers, silica-polymer combinations); polyvinyl alcohol/polyvinyl acetate based adhesives; starch based adhesives; dextrin based adhesives. The exact amount of material to be added for the preservation of any given formulation will depend on the components and local storage conditions. Dosage rates should be determined by actual test.

### FOR OILFIELD OPERATIONS USE: 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 pounds of AMA<sup>®</sup>-35D-P needed to produce a concentration of 500 ppm (0.18 lb/bbl) of AMA<sup>®</sup>-35D-P in the drilling mud circulating system. For example, 175 pounds of AMA<sup>®</sup>-35D-P per 1000 barrels of drilling fluid will produce the proper concentration. For best results, add AMA<sup>®</sup>-35D-P 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<sup>®</sup>-35D-P to maintain the proper concentration. Because of the wide variation in drilling mud composition and bacterial contamination, greater or lesser amounts of the AMA<sup>®</sup>-35D-P may be prescribed.

### OILFIELD WATER TREATMENT AND WATER FLOODS: FOR CONTROL OF SLIME-FORMING BACTERIA:

Calculate the total volume of water to be treated. Using this volume, calculate the number of pounds of AMA<sup>®</sup>-35D-P needed to produce a concentration of approximately 200 ppm AMA<sup>®</sup>-35D-P. For example, 1.67 pounds of AMA<sup>®</sup>-35D-P per 1000 gallons of total volume will produce this dilution. 150 ppm AMA<sup>®</sup>-35D-P, added each week is recommended to maintain bacterial control. This may be accomplished by adding 1.25 pounds of AMA<sup>®</sup>-35D-P 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<sup>®</sup>-35D-P may be required in a particular location.

### RECIRCULATING COOLING WATER SYSTEMS: FOR CONTROL OF ALGAE, FUNGI, AND SLIME FORMING BACTERIA:

Dosages for industrial-recirculating cooling water systems will depend upon the conditions of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply AMA<sup>®</sup>-35D-P to the cleaned system or when growth is first noticed according to the following schedule.

**INITIAL DOSAGE:** Apply 9.5 to 18.9 ounces of AMA<sup>®</sup>-35D-P per each 10,000 gallons of water in the system. This dosage may be as a continuous treatment or applied once, twice or three times weekly, or as required to control the growth of slime forming organisms.

**SUBSEQUENT DOSAGE:** When microbial control is evident, add 1.5 to 9.5 ounces of AMA<sup>®</sup>-35D-P per 10,000 gallons of water in the system as a continuous treatment daily or every 3 days or as required to maintain control.

# AMA<sup>®</sup>-35D-P

ANTIMICROBIAL AGENT FOR INDUSTRIAL USE

Active Ingredient:	
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione .....	98 %
Inert Ingredients .....	2 %
TOTAL .....	100 %

KEEP OUT OF REACH OF CHILDREN

## WARNING

First Aid	
<b>If in eyes:</b>	- 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.
<b>If swallowed:</b>	- 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.
<b>If on skin or clothing:</b>	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment.
<b>If inhaled:</b>	- Move person to fresh air - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. - Call a poison control center or doctor for further treatment.
Have product container, label or label information with you when calling a poison control center or doctor or going for treatment.	
Contact CHEMTREC at 800-424-9300 for additional information See side panel for additional precautionary statements	

EPA REG. No. 9386-13

EPA EST. No. 9386-GA-1

MANUFACTURED BY

# KEMIRA

KEMIRA CHEMICALS, INC.  
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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Warning. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid breathing dust and contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reusing.

### 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 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 of this product.

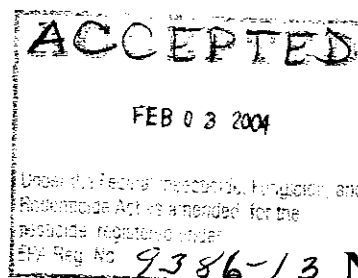
**STORAGE:** Protect from temperatures in excess of 140°F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect and dispose of in accordance with local, state and federal disposal regulations.

**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 directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Fiber Drums with Liners: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

DENSITY: 47 LBS./CUBIC FT

LABEL DATE: 17-Nov-03



LOT#

MFG. DATE:

NET WT. X,XXX Pounds

9386-13

02/03/2004

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