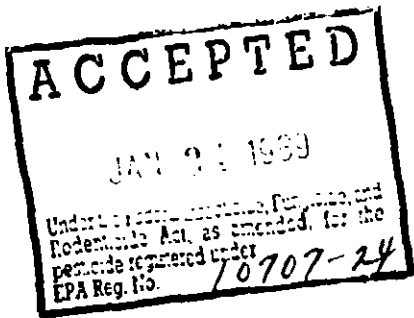


PH.31 10707-24

1991



**BAKER
PERFORMANCE
CHEMICALS, INC.**
A Baker Hughes company

MAGNACIDE® 656 MICROBIOCIDES

**Twin-Chain Quaternary
Ammonium Compound Concentrate
Water Treatment Microbiocide
for Building and Industrial Cooling Towers
and Oil Field Water Flood or Salt Water Disposal Systems**

Active Ingredient
Didecyl dimethyl ammonium chloride 50%
Inert Ingredients 50%
100%

KEEP OUT OF REACH OF CHILDREN DANGER

Statement of Practical Treatment

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

**SEE LEFT PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS**
EPA REG. NO. 10707-24
EPA EST. NO. 10707-

MAGNACIDE 656 MICROBIOCIDES will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water floods. MAGNACIDE 656 MICROBIOCIDES helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required.

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER

Keep Out of Reach of Children. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

STORAGE AND DISPOSAL

- PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal.
- STORAGE:** This product is corrosive to mild steel. Do not store or transport in unlined metal containers.
- 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 instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for 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: Consult federal, state or local disposal authorities for approved alternative procedure.

DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

To control algae and bacterial slimes, use MAGNACIDE 656 MICROBIOCIDES as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of MAGNACIDE 656 MICROBIOCIDES, follow this procedure:

Recirculating Cooling Towers

- Initially use 6 fluid ounces per 1000 gallons of water to be treated (20 ppm active quaternary). Should the above dosage not give satisfactory results, use 9 fluid ounces per 1000 gallons of water. Repeat the initial dose every seven days or increase the frequency if needed.
- When the above treatment level is successful, use 2 to 3 fluid ounces per 1000 gallons of water to maximize efficiency. Repeat weekly as needed. Should slime develop again, go back to initial dosage. Cooling tower waters that are inherently low in algae growth and bacteria count may be adequately controlled by the lower range of these dosages. Slug feed every seven days.

Dilute the appropriate amount of MAGNACIDE 656 MICROBIOCIDES in 1 or 2 gallons of water, then add to the tower. Note: this product weighs 7.73 lbs. per gallon (at 20° C).

Should tower be heavily fouled, a precleaning is required.

Oil Field Water Flood or Salt Water Disposal Systems (Do not apply in Marine or Estuarine Oil Fields).

- For the control of slime forming and sulfate reducing bacteria in oilfield water flood or salt water disposal systems, add 5-10 ppm (active) MAGNACIDE 656 MICROBIOCIDES (1-3 gallons per 3000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.
- For intermittent use, dose at a rate of 5-20 ppm (active) MAGNACIDE 656 MICROBIOCIDES (1-3 gallons per 3000 barrels of water) for 4-8 hours per day, one to four times a week as needed to maintain control.

Add MAGNACIDE 656 MICROBIOCIDES directly from the drum with the proper type of metering equipment. This product weighs 7.73 lbs. per gallon (at 20° C).

Net Weight 400 lbs.
Net Volume 55 gals.

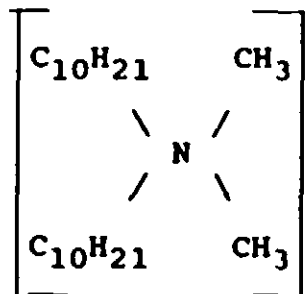
MANUFACTURED BY BAKER PERFORMANCE CHEMICALS, INCORPORATED 3920 Essex Lane, Houston, Texas 77027

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MICROBIOCIDESFor Treatment of Oilfield Waterfloods and Recirculating Cooling Tower WatersDESCRIPTION

MAGNACIDE® 656, which contains as its active ingredient didodecyl dimethyl ammonium chloride, represents a class of microbiocidally active quaternary ammonium compounds that is radically different from the traditional alkyl benzyl-type quaternaries. The "twin-chain" type of structure of MAGNACIDE 656 has produced a quaternary microbiocide with greatly improved performance characteristics over quaternary products containing a benzene ring structure.

Manufactured using process-patented technology, MAGNACIDE 656 with its superior performance has had a significant impact on the microbiocide industry. MAGNACIDE 656 is a dialkyl dimethyl ammonium chloride in which two alkyl groups of ten carbon length are attached directly to the nitrogen atom. These alkyl chains were found to maximize microbiocidal performance. MAGNACIDE 656 has the following chemical structure:

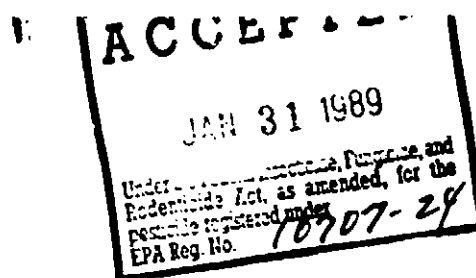
TYPICAL PHYSICAL PROPERTIES

Appearance:	Colorless to pale yellow liquid, with mild solvent odor
Specific Gravity @ 25°C:	0.927
Flash Point:	109°F
Pour Point:	35-40°F
pH:	6.5-9.0
Activity:	50% minimum
Solubility:	Freely soluble in water
Do not use, pour, spill or store near fire or open flame.	

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MAGNACIDE 650 (continued)

USE INFORMATION

Oilfield waterflood or salt water disposal systems: Typical treatment levels for continuous applications range from 5-10 ppm active MAGNACIDE 656. For slug treatments typical dosages are 5-25 ppm MAGNACIDE 656 for 4-8 hours per day, one to four times per week. Concentrations and frequency of treatments necessary for effective control will vary depending on the system.

Recirculating cooling towers: Initial rates typically range from 20-30 ppm MAGNACIDE 656 weekly. When satisfactory control of algae and/or bacterial slime has been obtained, weekly treating rates can typically be lowered.

SAFETY INFORMATION

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

First Aid

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly, a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

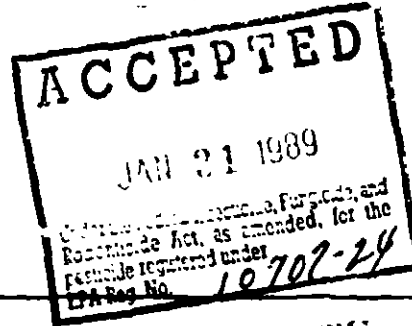
Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oilfields. Do not discharge treated effluent into lakes, streams, ponds or public waters unless

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MAGNACIDE 656 (continued)

in accordance with a NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

STORAGE AND DISPOSAL

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

Storage: This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

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 instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for 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: Consult federal, state or local disposal authorities for approved alternative procedure.

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