

## 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 contaminate water by cleaning of equipment or disposal of wastes. Do not discharge treated effluent into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance contact your Regional Office of the EPA.

### PHYSICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame.

### STORAGE AND DISPOSAL

#### 1. PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

#### 2. PESTICIDE DISPOSAL

Pesticide that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

#### 3. CONTAINER DISPOSAL

Dispose of in an incinerator or landfill approved for pesticide containers, bury in a safe place or return to drum reconditioner.

#### 4. GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.

# MIDLAND 667

## ACTIVE INGREDIENT

1-Hydroxyethyl-1-benzyl-2-alkyl\*

Imidazolinium chloride ..... 25%

INERT INGREDIENTS ..... 75%

TOTAL ..... 100%

\*Alkyls in fatty acids of coconut oil

**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 Side Panel For  
Additional Precautionary Statements



Manufactured by

**MIDLAND  
RESEARCH  
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A subsidiary of  
Associated Chemicals  
And Services, Inc.

E.P.A. Establishment No. 27581-KS-01

E.P.A. Registration No. 27581-15

Net Contents: Liquid

See Markings on Top of Drum for Net Weight

## DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

For controlling algae, fungi, and a broad spectrum of bacteria and bacterial slime forming organisms that cause inefficient operation of building and industrial recirculating cooling towers, oil field water flood and crude oil pipeline and storage facilities, use MIDLAND 667 as directed. For best results, slug feed. The frequency of addition of microbicide needed depends on many factors. To optimize your use of MIDLAND 667 follow this procedure:

### Recirculating Cooling Towers

- Initially use 14 fluid ounces per 1,000 gallons of water to be treated (25 ppm active quaternary). Should the above dosage not give satisfactory results, use 26 fluid ounces per 1,000 gallons of water. Repeat the initial dose every seven days or increase the frequency if needed.
- When the above treatment level is successful, use 6 to 8 fluid ounces per 1,000 gallons of water to maximize efficiency. Repeat weekly as needed. Should slime develop again, go back to initial dosage.

Recirculating 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 MIDLAND 667 in 1 or 2 gallons of water, then add to the sump of the tower. Should the tower be heavily fouled, a precleaning is required.

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

- For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 35-50 ppm (active) MIDLAND 667 (19-26 gallons per 3,000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.
- For intermittent use, dose at a rate of 35-70 ppm (active) MIDLAND 667 (19-36 gallons per 3,000 barrels of water) for 4-8 hours per day, one to four times a week as needed to maintain control.

### Crude Oil Pipeline and Storage Facilities

- For the control of sulfate reducing bacteria, heterotrophic bacteria and corrosion in crude oil pipelines, slug dose with 1-6 gallons of MIDLAND 667 per diameter inch per mile of pipeline. Apply the appropriate dosage in slug form in front of the pipeline pig as required by the system.
- For continuous pipeline feed applications, add 19-26 gallons of MIDLAND 667 per 3,000 barrels of crude oil. MIDLAND 667 is added to the pipeline directly behind the pig.
- For the treatment of crude oil storage facilities, add MIDLAND 667 at the rate of 19-26 gallons per 3,000 barrels of crude oil.

Add MIDLAND 667 directly from the drum with the proper type of metering equipment. This product weighs 7.99 lbs./gallon (at 20°C). Since crude oil pipeline and storage facilities differ in the material handled and operation, the recommended dosages may require adjustment based on practical experience.

*Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material, when such use and/or handling is contrary to label instructions.*

BEST DOCUMENT AVAILABLE

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