

APR 02 1987

Alco Chemical Corporation  
909 Mueller Drive  
Chattanooga, TN 37407

Attention: George T. McGrew

Gentlemen:

Subject: AQUATREAT DDM-25E  
EPA Registration No. 31910-16  
Your Amendment Application Dated November 24, 1986

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. On the left panel the statement under ENVIRONMENTAL HAZARDS "Do not apply in marine and/or estuarine oil fields" must be altered to read "Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water."
  - b. On the left panel change the ending of the third paragraph to read ". . . fungi found in drilling fluids, oil production systems, and hydrocarbon fluids storage."

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CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

- c. On the left panel the Pesticide Disposal instructions for this product should be:

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.

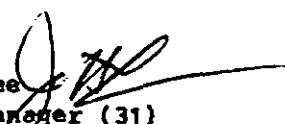
- d. On the right panel change the heading HYDROCARBON FLUIDS to read HYDROCARBON FLUIDS STORAGE.

- 3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

John H. Lee   
 Product Manager (31)  
 Disinfectants Branch  
 Registration Division (TS-767C)

Enclosure

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### PRECAUTIONARY STATEMENTS

Hazardous to Humans and Domestic Animals.

#### WARNING

Causes eye and skin irritation. Do not get in eyes, or skin or on clothing. Wear goggles or face shield, rubber gloves and protective clothing (hats, long sleeve shirt, long pants and boots) when handling. Harmful if swallowed. Avoid contamination of food and feedstuffs.

#### 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 Environmental Protection Agency.

AQUATREAT DNM-25E is a highly effective fungicide and bactericide for use in controlling the growth of bacteria and fungi found drilling fluids, oil production systems, and hydrocarbon fluids systems.

#### STORAGE AND DISPOSAL

##### 1. PROHIBITIONS

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

##### 2. PESTICIDE DISPOSAL

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

##### 3. CONTAINER DISPOSAL

(a) Reseal container and offer for reconditioning, or

(b) Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved state and local procedures.

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.

##### 4. GENERAL

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

## AQUATREAT DNM-25E

ACTIVE INGREDIENTS.....	25.0%
Sodium Dimethyldithiocarbamate	12.5%
Nabam (Disodium Ethylene Bisdithiocarbamate).....	12.5%
INERT INGREDIENTS .....	75.0%
TOTAL .....	100.0%

KEEP OUT OF REACH OF CHILDREN

### WARNING

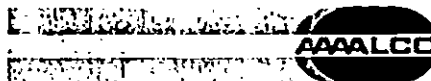
#### STATEMENT OF PRACTICAL TREATMENT

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. Call a physician immediately.

See Side Panel For

Additional Precautionary Statements.



Manufactured by:

ALCO Chemical Corporation

AN ALCO INDUSTRIES COMPANY

909 Mueller Drive, Chattanooga, TN 37406

Phone: 615-629-1405

E.P.A. Establishment No. 31910-TN-1

E.P.A. Registration No. 31910-16

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.

#### DRILLING FLUIDS

AQUATREAT DNM-25E 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 fluid loss properties.

AQUATREAT DNM-25E is used at the rate of 1.2 to 6 gallons per 100 bbl. of mud (0.02% to 0.12%). It can be used directly from the shipping container or pre-diluted with water. It can be put in through the mud hopper or added to the pump suction.

#### SECONDARY AND TERTIARY PETROLEUM RECOVERY

AQUATREAT DNM-25E is a highly effective microbiocide for use in controlling the growth of fungi and bacteria found in secondary and tertiary petroleum recovery waterflood systems.

AQUATREAT DNM-25E can be injected directly from the shipping container. It should be thoroughly mixed into the produced water, fresh or salt water or commingled water or the secondary or tertiary oil recovery waterflood systems for effective micro-organism control. It may also be diluted with water for injection.

AQUATREAT DNM-25E is used at the rate of 1.2 pints per 100 bbl. of water for growth inhibition of *Bacillus Cereus* and *Desulfovibrio desulfuricans* and 1.3 to 2.2 gallons per 100 bbl. of water for heterotrophic bacteria including *Pseudomonas*. It is also effective against many fungi such as *Aspergillus*, *Penicillium* and *Trichoderma* at the 1.2 pint per 100 bbl. of water.

AQUATREAT bactericide Interceded and hydro

AQUATREAT 2.76 pint ppm by w once the

Spill C

Seller concealed and/or and/o

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