

2000/2005

AQUATREAT DNM-25E

INDUSTRIAL

MICROBIOCIDIC

GUARANTEE:

Sodium dimethyldithiocarbamate.....12.5%

Nabam.....12.5%

COMMERCIAL

CAUTION POISON

REGISTRATION NO. 18866
PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

Net Contents: 210 Litres

See Markings On Top Of Drum For Net Weight In Kilograms

Manufactured by:
ALCO CHEMICAL DIVISION
National Starch and Chemical Company
909 Mueller Drive
Chattanooga, Tennessee 37406
U.S.A.
PHONE (423)629-1405

DIRECTIONS FOR USE

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 3 to 12.5 litres per 10,000 litres of mud (0.03% to 0.125%). 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 microbicide 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 microorganism control. It may also be diluted with water for injection.

AQUATREAT DNM-25E is used at the rate of 0.375 litres per 10,000 litres of water for growth inhibition of *Bacillus Cereus* and *Desulfovibrio desulfuricans* and 3.1 to 5:4 litres per 10,000 litres of water for heterotropic bacteria including *Pseudomonas*. It is also effective against many fungi such as *Aspergillus*, *Penicillium* and *Trichoderma* at the 0.375 litres per 10,000 litres of water.

PRECAUTIONARY STATEMENTS

Causes eye and skin irritation. Do not get in eyes, on 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.

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 egg white, gelatin solution or, if these are not available, drink large quantities of water. Call a physician or poison control center immediately.

TOXICOLOGICAL INFORMATION:

A. Symptoms:

May cause skin, eye, and respiratory tract irritations. May cause skin sensitization reaction. May cause depression, lethargy, and difficulty breathing.

B. Antidote:

Wash skin with soap and water. Flush eyes with copious amounts of water.

If ingested and person is fully alert, induce vomiting by physical means.

When vomiting stops, administer charcoal and cathartic orally.

If inducing of vomiting is unsuccessful, or patient exhibits signs of central nervous system depression, the stomach should be emptied by gastric intubation, aspiration and lavage with a slurry of activated charcoal. Include a cathartic to hasten elimination. Caution: Monitor fluid balance and serum electrolytes.

DISPOSAL

1. Rinse the emptied container thoroughly and add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact Provincial Regulatory Agency or the Manufacturer.

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

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