

27-MAR-2006

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Notification - Change in Registrant

**AQUATREAT DNM-80
INDUSTRIAL MICROBIOCIDES**

GUARANTEE:

Sodium dimethyldithiocarbamate.....40%
Nabam.....40%

**COMMERCIAL
CAUTION**



POISON

READ THE LABEL BEFORE USING

**REGISTRATION NO. 22162
PEST CONTROL PRODUCTS ACT**

Notification Change

Akzo Nobel SPG LLC

Manufactured by:

~~ALCO CHEMICAL~~

~~Indepco Inc.~~

~~A National Starch and Chemical Company~~

909 Mueller Avenue

Chattanooga, Tennessee 37406 USA

Phone (423) 629-1405

Product Is Supplied In Individual Bags Weighing 454 g
See Markings On Top Of Drum For Net Weight In Kilograms

SOLUBLE BAGS NOT TO BE SOLD SEPARATELY

DIRECTIONS

**INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND EVAPORATIVE
CONDENSERS (NOT FOR USE IN POTABLE WATER)**

Dosages for industrial recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply **AQUATREAT DNM-80** to the cleaned system or when growth is first noticed, according to the following schedule:

INITIAL DOSE: Apply 0.45 kilograms (450 grams) of product per each 10,000 litres of water in the system (45 ppm). This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

SUBSEQUENT DOSE: When microbial control is evident, add 75 grams of **AQUATREAT DNM-80** per 10,000 litres of water (7.5-15 ppm) in the system every three days or as needed.

AIR WASHERS WITH EFFECTIVE MIST ELIMINATORS

In treating air washer systems preclean by introducing a suitable detergent solution into the system and allow air washer to run with fan off for two hours. Flush. Check all nozzles and manually clean those that are plugged. Add product as specified under dosages for Cooling Towers.

FEEDING:

AQUATREAT DNM-80 should be dosed directly into the sump or basin or any other location where good distribution can be assured.

PAPER MILLS

Dosage will vary from 19 to 190 grams of **AQUATREAT DNM-80** per tonne of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

FEEDING:

AQUATREAT DNM-80 should be fed as early as possible into the system at such points including the hydropulper, machine chest or broke system.

DRILLING FLUIDS

AQUATREAT DNM-80 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-80 is used at the rate of 2.16 to 10.8 kilograms per 20,000 litres of mud (0.0075% to 0.0375%) and added directly into the mud hopper.

FRACTURING FLUIDS

For the control of bacteria in fracturing fluids, add 38-170 grams of **AQUATREAT DNM-80** per 1000 litres of fracturing fluids (33-160 ppm).

WORKOVER & COMPLETION FLUIDS

AQUATREAT DNM-80 is a highly effective microbiocide for use in controlling the growth of fungi and bacteria found in water-based workover and completion fluids. **AQUATREAT DNM-80** is used at the rate of 108-432 grams per 1000 litres (0.0075% to 0.03%) of workover or completion fluids.

SECONDARY AND TERTIARY PETROLEUM RECOVERY

AQUATREAT DNM-80 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-80 should be thoroughly dissolved 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 predissolved in water for injection.

AQUATREAT DNM-80 is used at the rate of 174 grams per 20,000 litres of water for growth inhibition of **Bacillus cereus** and **Desulfovibrio desulfuricans** and 1.84 to 3.07 kilograms per 20,000 litres of water for heterotrophic bacteria including **Pseudomonas**. It is also effective against many fungi such as **Aspergillus**, **Penicillium** and **Trichoderma** at the rate of 174 grams per 20,000 litres of water.

DISPOSAL

1. Triple or pressure-rinse the empty container. 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, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

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.

EYE-IRRITANT
SKIN SENSITIZER
STORE AWAY FROM ACIDS

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 whites, gelatin solution or, if these are not available, drink large quantities of water. Call a physician or Poison Control Center immediately. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

NOTICE TO USER

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

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.