

Reg No: 31910-6

PM-31

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AQUATREAT SDM

PRECAUTIONARY STATEMENTS

For Use on Fish and
Domestic Animals.

WARNING

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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ACTIVE INGREDIENT

Sodium Dimethyldithiocarbamate.....40%

INERT INGREDIENTS..... 60%

TOTAL.....100%

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 — 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.

ACCEPTED

APR 10 1990

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 31910-6

STORAGE AND DISPOSAL

1. PROHIBITIONS

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

2. 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.

3. CONTAINER DISPOSAL

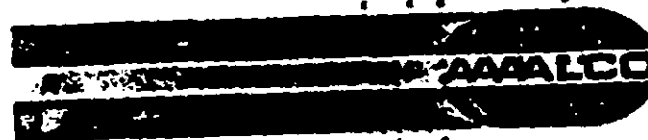
(a) Reread container and offer for reconditioning, or

(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 incinerator, 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.



Manufactured by:

ALCO Chemical Corporation

AN ALCO INDUSTRIES COMPANY

909 Mueller Drive • P.O. Box 5401

Chattanooga, Tennessee 37406

Phone: 615-629-1405 • FAX 615-698-8723

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

E.P.A. Registration No. 31910-6

Net Contents: Liquid

See Markings on Top of Drum for Net Weight

DIRECTIONS FOR USE

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

INDUSTRIAL RECIRCULATING WATER COOLING TOWER AND EVAPORATIVE CONDENSERS

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 SDM to the cleaned system or when growth is first noticed, according to the following schedule:

Dosage: Apply 13-14 ounces of product per each 1000 gallons of water in the system. This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

PAPER MILLS

Dosage will vary from 0.25 to 1.0 pounds of AQUATREAT SDM per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

AQUATREAT SDM may be drip fed continuously from the drum or fed by suitable chemical pumps such as adjustable proportioning types; variable speed, positive displacement types; or by the reciprocating type. This product should be fed as early as possible in the system at such points including the hydronulner, machine chest or broke system.

SECONDARY AND TERTIARY OIL RECOVERY

AQUATREAT SDM is an effective Microbiocide for controlling the growth of bacteria found in secondary and tertiary petroleum recovery waterflood systems.

AQUATREAT SDM can be injected directly from the shipping container. It should be thoroughly mixed into the produced water, fresh or salt water or commingled water of the secondary or tertiary oil recovery waterflood systems for effective microorganism control. It may be diluted with water before injection.

AQUATREAT SDM is used at the rate of 1.7 pints per 1000 gallons of water for growth inhibition of *Bacillus Cereus* and *Desulfovibrio desulfuricans* and 6.72 pints per 1000 gallons of water for heterotrophic bacteria including *Pseudomonas*.

BET SUGAR MILLS

AQUATREAT SDM should be fed directly into the raw juice during sugar extraction of beets to keep equipment free of bacterial slime deposits. It is to be used at the rate of 15-30 ppm of raw beets sliced, and fed continuously into the pulp press water tank with a metering pump. The maximum rate to be fed is 30 ppm. Refer to composite table I for the proper dosage in milliliters and ounces of AQUATREAT SDM to be used per minute.

CANE SUGAR MILLS

AQUATREAT SDM is a liquid which should be fed directly into the cane juice so that the treated juice circulates to all parts of the mill tandem. The point or points of addition will depend on mill design. Frequently the dosage will be split between the crusher juice and juice from the last mill. The best addition point is to the juice which is circulated back to the crusher from the first mill. Do not add this product to the maceration water.

AQUATREAT SDM should be fed continuously at the rate of 15-30 parts of product per million parts of cane ground per day. 15 ppm of product is the standard dosage. This may be raised up to a maximum of 30 ppm, if necessary. Conditions warranting, some increase would be warranted when grinding cane damaged through freezing, poor weather or delays between cutting and grinding. See feeding directions which follow.

Proper feed of AQUATREAT SDM is best obtained through the use of a chemical feed pump such as the adjustable proportioning type; the variable speed, positive displacement type; or the reciprocating type. The required dosage will depend on the average daily rate of cane ground. Refer to composite table I for the proper dosage in milliliters and ounces of AQUATREAT SDM to be used per minute.

Do not exceed feed rate of 6.1 gallons (60 pounds) of product per 1000 short tons of cane ground per twenty-four hours.

The use of AQUATREAT SDM does not replace good housekeeping. This should include regular cleaning at least once per shift. Regular hosing with hot water and steam of mills, bagacillo conveyors, and screens is essential for maintaining efficient control of microbiological slime and sucrose losses.

COMPOSITE TABLE I

SHORT TONS OF CANE GROUND OR RAW BEETS SLICED PER DAY	Rate of Feed of AQUATREAT SDM			
	15 ppm		30 ppm	
	ml/min	oz/min	ml/min	oz/min
1,000	5.5	0.186	11	0.372
2,000	11.0	0.372	22	0.744
3,000	16.5	0.558	33	1.115
4,000	22.0	0.744	44	1.487
5,000	27.5	0.930	55	1.859
6,000	33.0	1.115	66	2.231
7,000	38.5	1.301	77	2.603
8,000	44.0	1.487	88	2.974
9,000	49.5	1.673	99	3.347
10,000	55.0	1.859	110	3.718

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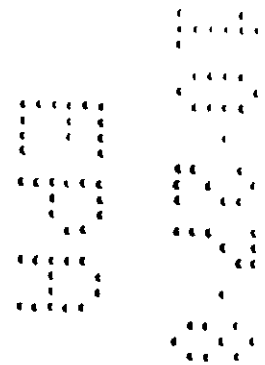
DRILLING FLUIDS

AQUATREAT SDM is an effective microbiocide for use in controlling the growth of 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 SDM is used at the rate of 1 to 10 gallons per 100 bbl. of mud. (0.02% to 0.2%). It can be used directly from the shipping container or prediluted with water. It can be put in through the mud hopper or added to the pump suction.

For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC — Day or Night
1-800-424-9300

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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.
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