

34688-77

9/14/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

Akzo Nobel Surface Chemistry LLC  
909 Mueller Drive  
Chattanooga, TN 37406

SEP 14 2009

Attention: Robert M. Sielaty, Agent

Subject: Aquatreat KM  
EPA Registration No. 34688-77  
Amendment Dated July 29, 2009

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

- Storage and Disposal Language per PR Notice 2007-4
- Change of Name and Address
- Addition of "Personal Protective Equipment"
- Revised Warranty Statement

A stamped copy of the "accepted" product labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

Enclosure

PRECAUTIONARY STATEMENTS  
Hazards to Humans 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All industrial workers applying this product must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. During dilution, a chemical-resistant apron and goggles or face shield must also be worn.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not expose to extreme temperatures.

**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.

**CONTAINER HANDLING:**

**Nonrefillable container:** Do not reuse or refill this container.

**Plastic Containers:** Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, 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. Consult federal, state or local disposal authorities for approved alternative procedures.

# AQUATREAT® KM

ACTIVE INGREDIENTS

Potassium dimethyldithiocarbamate.....	50%
INERT INGREDIENTS.....	50%
TOTAL.....	100%

KEEP OUT OF REACH OF CHILDREN

## WARNING

### FIRST AID

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF INHALED

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-914-693-6946 day or night for emergency medical treatment information. **For Chemical Emergency Spill, Leak, Fire, Explosive, or Accident Call CHEMTREC—Day or Night: 1-800-424-9300**

See Side Panel For  
Additional Precautionary Statements.

Manufactured by:

**AKZO NOBEL SURFACE CHEMISTRY, LLC**  
809 Mueller Drive Chattanooga, TN 37406  
Phone 423-629-1405 Fax 423-698-8723

E.P.A. Establishment No. 31910-TN-1 E.P.A. Registration No. 34688-77  
Net Contents: Liquid NET WEIGHT: LBS

## DIRECTIONS FOR USE

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

This product must not be used on any food or field crop or to formulate any product for use on any food or field crop.

**AQUATREAT KM** is a highly effective bactericide for use in controlling the growth of bacteria found in Industrial Recirculating Water Cooling Towers, Evaporative Condensers, Wastewater Treatment Systems, Industrial Water Purification Systems, Paper Mills, Secondary and Tertiary Petroleum Recovery, and Drilling Fluids.

### INDUSTRIAL RECIRCULATING WATER COOLING TOWER AND EVAPORATIVE CONDENSERS

Dosage 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 KM** to the cleaned system or when growth is first noticed, according to the following schedule:

Dosage: Apply 1-3 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.

### WASTEWATER TREATMENT SYSTEMS

**AQUATREAT KM** may be used to control anaerobic bacteria, filamentous bacteria that cause bulking problems and other troublesome microorganisms in wastewater treatment systems and effluent. The quantity of **AQUATREAT KM** required for control will vary with severity of the problem. **AQUATREAT KM** should be dosed to the system at a rate of 0.5 to 3.0 fl. oz per 1000 gallons of wastewater (5-30 ppm) to various locations in the system to allow for mixing, every one to five days as needed for control, or fed continuously at the rate of 0.1 to 1.0 fl. oz. per 1000 gallons of wastewater flow (1-10 ppm) ahead of the problems area.

### INDUSTRIAL WATER PURIFICATION SYSTEMS

**AQUATREAT KM** is used to control microbiological fouling in industrial water purification systems including reverse osmosis systems, filters, clarifiers, and ion exchange equipment. For off-line treatment, **AQUATREAT KM** should be fed at a concentration of 5.0 to 10.0 fl. oz. of **AQUATREAT KM** to 1000 gallons of water (40-100 ppm) for 4 to 8 hours. For on-line maintenance treatment, dosing 1.0 to 2.0 fl. oz per 1000 gallons of water (10-20 ppm) for 6 to 12 hours should be made once a week or as needed to maintain control. Not intended for use in potable water systems. Not registered for this use in California.

### PAPER MILLS

Dosage will vary from 0.25 to 1.0 pounds of **AQUATREAT KM** 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 KM** 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 hydropulper, machine chest or broke system.

### SECONDARY AND TERTIARY PETROLEUM RECOVERY

**AQUATREAT KM** is a highly effective microbiocide for use in controlling the growth of bacteria found in secondary and tertiary petroleum recovery waterflood systems.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
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2009

AQUATREAT KM 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 recover waterflood systems for effective microorganism control. It may also be diluted with water for injection. AQUATREAT KM is used at the rate of 3.4-6.8 fluid ounces per 100bbl. of water for growth inhibition of Bacillus Cereus and Desulfovibrio desulfuricans.

#### DRILLING FLUIDS

AQUATREAT KM is a highly effective microbiocide for use in controlling 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 drilling mud, especially fluid loss properties.

AQUATREAT KM is used at the rate of 1 to 10 gallons per 100bbl. 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, Explosive, or Accident  
Call CHEMTREC—Day or Night  
1-800-424-9300**

**AKZO NOBEL SURFACE CHEMISTRY LLC warrants that this product complies with the specifications expressed on the label. To the extent consistent with applicable law, AKZO NOBEL SURFACE CHEMISTRY LLC makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose.**

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