

01-AUG-2001

**Walla Walla
Environmental, Inc.**

AQUACIDE

GUARANTEE:

Sodium Dimethyidithiocarbamate	15%
Nabam	15%

**COMMERCIAL
CAUTION**

**POISON CORROSIVE
READ THE LABEL BEFORE USING**

Distributed by:
WALLA WALLA ENVIRONMENTAL, INC.
PO Box 1298
Walla Walla, WA. 99362
509-522-0490

Registration No. 18211.10
Pest Control Products Act
Net Contents

AQUACIDE

DIRECTIONS FOR USE

**INDUSTRIAL, RECIRCULATION WATER, COOLING TOWER, AND
EVAPORATIVE CONDENSERS (NOT FOR USE IN POTABLE WATER)**

Dosage for industrial recirculating water, cooling tower, 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 **AQUACIDE** to the cleaned system or when growth is first noticed according to the following schedule:

INITIAL DOSE: Apply 1.2 liters of product per each 10,000 liters of water in the system (120 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 0.2-0.4 liters of AQUACIDE per 10,000 liters of water (20-40 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: **AQUACIDE** may be fed directly from the drum or diluted with water and fed by any suitable feed system. **AQUACIDE** 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 0.05 to 0.5 kg (0.042 to 0.42 liters) of **AQUACIDE** 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: **AQUACIDE** 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.

DRILLING FLUIDS

AQUACIDE 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.

SECONDARY AND TERTIARY PETROLEUM RECOVERY

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

AQUACIDE 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.

AQUACIDE is used at the rate of 0.625 liters per 20,000 liters of water for growth inhibition of **Bacillus Cereus** and **Desulfovibrio desulfuricans** and 5.5 to 9 liters per 20,000 liters of water for heterotropic bacteria including **Pseudomonas**. It is also effective against many fungi such as **Aspergillus, Penicillium** and **Trichoderma** at the 0.625 liters per 20,000 liters of water.

HYDROCARBON FLUIDS

AQUACIDE is a highly effective fungicide and bactericide for use in fuel oil (No. 2 oil, intermediate fuel oil and No. 6 oil), lubricating oil and hydraulic fluids in marine environments.

AQUACIDE is applied initially at a level of 0.22 liters per 1000 liters of contaminated liquid (300 ppm, by weight). Subsequent dosages may be decreased once the contaminants have been brought under control.

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 and 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 THE 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.

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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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.

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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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.

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