BULAB 6009

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Technical assistance in applying BULAB 6009 for microorganism control as described in the following is available upon request when a description of the problem is provided.

**COOLING TOWERS:** BULAB 6009 is used to protect cooling tower wood against soft or rot. It is applied by painting a dispersion containing 0.5 to 0.7% BULAB 6009 in water onto the clean wood surfaces. The amount applied should provide 0.6 to 0.8 lb BULAB 6009 per 1000 sq ft of wood surface. Soft-rot or decay can also be inhibited by periodic shock doses of BULAB 6009 to the recirculating cooling water at the tower basin or cold well. The dosage should provide 1.25 lb of BULAB 6000 per 1000 gal of water and the bleeds should be stopped for 4 to 6 hr after treatment. The shock treatment should be repeated every four months.

**COOLING WATER:** BULAB 6009 is used to control algae, bacteria, and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove algal growth, microbiological slime, and other deposits. The system should then be drained, flushed, rinsed with water, and treated with an initial dose of 0.6 to 3.7 fl oz BULAB 6009 per 100 gal of water in the system. Subsequent additions of 0.2 to 1.2 fl oz per 100 gal should be made every 1 to 5 days, depending on amount of bleedoff and severity of microbiological fouling.

**DRILLING FLUIDS:** To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells, BULAB 6009 is incorporated in the drilling fluid at concentrations of 0.05 to 0.25% based on the total wet weight of the fluid.

**PETROLEUM SECONDARY RECOVERY:** BULAB 6009 is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other oil-field water systems at dosage rates of 0.2 to 3.7 fl oz of BULAB 6009 per 1000 gal of water treated. Additions should be made continuously or intermittently by means of a metering pump at the free water knockouts, before or after injection pumps and injection well headers. Continuous Feed Method: When system is noticeably fouled, add 0.6 to 3.7 fl oz BULAB 6009 per 1000 gal of water continuously until desired degree of control is achieved. Then begin to use 0.2 to 1.2 fl oz of BULAB 6009 per 1000 gal of water continuously, or as needed to maintain control. Intermittent or Slug Method: When system is noticeably fouled, or to maintain control. Add 0.4 to 3.7 fl oz BULAB 6009 per 1000 gal of water for 4 to 8 hr per day and 1 to 4 times per week, as needed to maintain control.

**WASTE WATER TREATMENT SYSTEMS:** When used as directed, BULAB 6009 controls bacteria and fungal slime in waste water systems and effluents. The quantity of BULAB 6009 required varies with the degree of fouling. It should be added at a rate that will provide 10 to 30 parts per million BULAB 6009 (weight/weight) of the waste water. This addition can be made at various points in the system including the influent to the clarifier and or the holding basins or ponds. Not registered for this use in California.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Causes irreversible eye damage. Causes skin irritation. This product may cause allergic skin reactions. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not use in offshore or estuarine drilling operations. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not discharge effluent containing this product into lakes, streams, ponds, 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.

**PHYSICAL AND CHEMICAL HAZARDS:** Do not use or store near heat or open flame. Do not use near open flames or gasoline. Do not allow more than four drums. Containers should be stored in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

**PESTICIDE STORAGE:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse water 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 your EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Refillable container. Refill with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container prior to refilling or disposal, use a triple rinse wash as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously. Pour or pump rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this rinsing procedure two more times.

Do not discharge rinsate containing this product 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 rinsate containing this product to sewer systems without prior approval from the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**HMS / NPCA RATINGS**

Health 3 Flammability 2 Reactivity 1

Last Revision 12/15/2011

Refillable Less Than Or Equal To 55 Gallons

**DIRECTORS FOR USE**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not expose to extreme temperatures. If applicable, do not stack more than four drums high. Containers should be stored in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

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**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 further treatment advice.

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

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for further treatment advice.

**If on Skin, Clothes**
- 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**
- 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.
- Call a poison control center or doctor for treatment advice.

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

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