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

NOTE TO USER: Do not apply this product in a way that will contact workers or others.

COOLING TOWERS: MECT 5 is used to control cooling tower algae against soft and surface rot or internal dry rot. Do it by applying by painting a continuous band of 0.25% MECT 5 into the clean water system. The arena should amount provide 0.5 lb of MECT 5 per 1000 sq. ft of water surface, 0.5 lb of water surface, 0.5 lb of water surface, 0.5 lb of water surface, or can also be inhibited by permethrin shock doses of MECT 5 to the cooling tower water at the tower basin or cool. The service should provide 5.0 lb. of MECT 5 per 1000 gal. of water and the bleedoff should be stopped for 4 to 6 hours after treatment. The shock treatment should be repeated every month.

For treatment of cooling tower systems greater than or equal to 4000 gallons. Do not apply by open pouring of MECT 5 to cooling tower systems. A melamine pump delivery system is required for this use and application method.

COOLING WATER: MECT 5 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 algae growth, microbiological slime, and other deposits. The system must then be drained, refilled, and treated with an initial dose of 2.4 to 3.2 lb. MECT 5 per 1000 gal. of water, in the system. Make additional additions of 0.5 to 1.0 lb. per 1000 gal. every 1 to 5 days, depending on amount of biofouling and severity of microbial fouling.

For treatment of cooling water systems greater than or equal to 4000 gallons. Do not apply by open pouring of MECT 5 to cooling tower systems. A melamine pump delivery system is required for this use and application method.

DRILLING FLUIDS: To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells. MECT 5 is recommended to be used at a rate of 1.0 lbs./bbl based on the total wet weight of the fluid.

PETROLEUM SECONDARY RECOVERY: MECT 5 is used to control subsoil-refining bacteria, slime-forming bacteria of oil in-oil field water, polymer, or micron fines, water-disposal systems, and other oil-field water systems at dosage rates of 0.5 to 1.0 lbs./bbl. MECT 5 per 1000 gal. of water treated. Make additions continuously or intermittently by means of a melamine pump at the free water knockouts, before or after injection pumps and injection well headers. Continuous application is recommended through a melamine pump where the membrane is highly attacked. When a membrane becomes fully or partially damaged, to maintain control.

CRUDE AND REFINED OILS: MECT 5 is an oil-soluble preservative for the control of bacteria and fungi that cause the degradation of crude oil and refined oils during storage or transport (e.g., via trucks, rail, ship, or pipelines). Crude and refined oils include, but are not limited to: olefinic, aromatic, paraffinic, and naphthenic oils. It should be added to the oil at a rate of 0.1 lbs./bbl. when shipped to the customer in a mix tank to the transport conduit/containter at the rate of 2.4 to 24.0 lb./bbl. of 3.2 to 4.8 lb./bbl. of MECT 5 per 1000 gal. of oil. Addition should be made batchwise where mixing occurs or continuously to the storage tank in 24 to 48 hours.

FUEL: MECT 5 can be used to eliminate and/or prevent the growth of bacteria and fungi in distillate and residual fuels including Gasoline, Diesel fuel, Kerosene, and Bunker C. MECT 5 is intended for use in applications where residual and distillate fuels are used such as: bulk storage tanks, locomotive fuel tanks, diesel trucks, diesel boats and ships, farm equipment, construction equipment, and diesel generators. MECT 5 should be added to the fuel at a rate of 2.5 to 2.5 lb. per 1000 gal. of fuel. Feed MICT 5 by injecting the product into the fill line as the fuel is being added or added batchwise while the fuel is being used to achieve adequate mixing.

For contaminated systems MECT 5 should be added at a shock dose of 2.5 lb. per 1000 gal. per system (see table below). For clean systems the maintenance dose of 2.5 lb. per 1000 gal. per day for 3 to 7 days. Maintenance treatment is not required for systems contaminated with hard water or other materials that may interfere with the performance of MICT 5.

<table>
<thead>
<tr>
<th>Natural Gas</th>
<th>Fuel</th>
<th>Maintenance treatment</th>
</tr>
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<tbody>
<tr>
<td>Field Fue</td>
<td>2.5 lb. per 1000 gal.</td>
<td>2.5 lb. per 1000 gal.</td>
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</table>

For systems contaminated with hard water or other materials that may interfere with the performance of MICT 5.

MECT 5 is NOT for use in Aviation Fuels.

This diesel fuel additive does not comply with federal ultra low sulfur content requirements for use in model year 2007 and newer diesel motor vehicles or model year 2007 and newer diesel nonroad engine equipment.

Manufactured by: Buckman Laboratories, Inc.
1256 N. McLean Blvd., Memphis, Tennessee 38108, U.S.A.
(901) 278-0330 or 1-800-282-5626

Pesticide Use Statement: MECT 5 is not for use in clean water systems at less than five ppm. High dosages can be used in small, shallow, or slow-moving streams. MECT 5 is not for use in streams, lakes, ponds, estuaries, oceans or other waters within states in which the use is regulated by the state or federal government. Use in waters regulated by the state or federal government is subject to the conditions specified by the appropriate regulatory authority. In some states, use in certain aquatic areas may be prohibited. Additional conditions of use are available from the manufacturer.

This product should be used as directed. MECT 5 is a registered trademark of Buckman Laboratories, Inc. Manufactured by Buckman Laboratories, Inc. 1256 N. McLean Blvd, Memphis, Tennessee 38108, U.S.A. (901) 278-0330 or 1-800-282-5626

EPA Est. No. 1448-TN
EPA Reg. No. 1448-171

Product Weight 8.6 lbs/gal 1.03 kg/L
Net contents are marked on the container.

HMIS / NPCA Ratings
Health 3 Flammability 2 Reactivity 1

Revised: 3/14/17

Environmental HAZARDS: This product is toxic to fish, aquatic invertebrates, non-birds, and other waterfowl. Do not discharge effluent containing this product into streams, lakes, ponds, estuaries, oceans or other waters using the authority 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 prior written approval from the local sewage authority. For guidance contact your State Water Board or Regional Office of the EPA.

Physical and Chemical Hazards: Do not expose to extreme temperatures.