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

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

COOLING TOWERS: MECT 5 is used to protect cooling tower water against soft or surface rot and internal or dry rot. It is applied by painting a dispersion containing 2.5 to 2.8% MECT 5 in water onto the clean wood surfaces. The amount applied should provide 2.4 to 3.2 lb./MECT 5 per 1000 sq. ft. of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of MECT 5 to the recirculating cooling water at the lower basin or cold well. The dosage should provide 0.5 lb. of MECT 5 per 1000 gal. of water and the dosage should be stopped for 4 to 6 hours after treatment. The shock treatment should be repeated every four months.

For treatment of cooling tower systems, greater than or equal to 4000 gallons: Do not apply by open spraying of MECT 5 to cooling towers. A metering 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 old sludge growth, microbiological slime, and other deposits. The system should then be drained, flushed, refilled with water, and treated with an initial dose of 2.4 to 14.8 fluid oz. of MECT 5 per 1000 gal. water in the system. Subsequent additions of 0.8 to 4.8 fluid oz. per 1000 gal. should be made every 1 to 6 days, depending on amount of biofouling and severity of microbiological 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 water systems. A metering 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 used to control algae, bacteria, and fungi in oil-field mud, water-based mud, or miscellar fluids; water, food-water systems, and other oil-field water systems at dosages rates of 15.0 to 52.0 fluid oz. of MECT 5 per 1000 gal. of water treated. Additions should be made continuously or intermittently by means of a metering pump, injection pump, or gradient injector, or by continuous feed. Continuous feed method: When system is noticeably fouled, add 15.0 to 52.0 fluid oz. of MECT 5 per 1000 gal. of water continuously, or as needed to maintain control. Intermitter or Slurp Method: When system is noticeably fouled, or to maintain control, add 15.0 to 52.0 fluid oz. of MECT 5 per 1000 gal. of water for 4 to 8 hours per day and 1 to 4 times per week, or as needed 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. Crude and refined oils include, but are not limited to, diesel, aromatics, paraffinic, and naphthenic oils. It should be added to the oil as it is being transferred from the shipping container to the storage tank. The dosage rate of 2.4 to 24.0 fluid oz. of MECT 5 per 1000 gal. of oil. Additions should be made batchwise when mixing occurs or continuously to the suction side of the transfer pump.

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 #1, Diesel #2, and Bunker C. MECT 5 is intended for use where residual and distillate grade fuels are used such as: bunkers, diesel fuel, diesel tanks, ships, farm equipment, construction equipment, and diesel generators. MECT 5 should be added to the fuel at a rate of 1.25-2.5 fluid ounces per 100 gallons. MECT 5 should be fed by injecting the product into the fill line as the fuel is being sold or added batchwise while the fuel is being added to assure adequate mixing. For contaminated systems MECT 5 should be added at a shock dose of 2.5 fluid ounces per 100 gallons. (see table below) For clean systems the maintenance dose is 1.25 to 2.5 fluid ounces per 100 gallons per month (see table below).

<table>
<thead>
<tr>
<th>Gallons of fuel</th>
<th>Shock Treatment</th>
<th>Maintenance treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>0.5 fluid ounces</td>
<td>0.25 fluid ounces</td>
</tr>
<tr>
<td>30</td>
<td>0.75 fluid ounces</td>
<td>0.375 fluid ounces</td>
</tr>
<tr>
<td>40</td>
<td>1.0 fluid ounces</td>
<td>0.50 fluid ounces</td>
</tr>
<tr>
<td>50</td>
<td>1.25 fluid ounces</td>
<td>0.625 fluid ounces</td>
</tr>
<tr>
<td>60</td>
<td>1.5 fluid ounces</td>
<td>0.75 fluid ounces</td>
</tr>
<tr>
<td>70</td>
<td>1.75 fluid ounces</td>
<td>0.875 fluid ounces</td>
</tr>
<tr>
<td>80</td>
<td>2.0 fluid ounces</td>
<td>1.0 fluid ounces</td>
</tr>
<tr>
<td>90</td>
<td>2.25 fluid ounces</td>
<td>1.125 fluid ounces</td>
</tr>
<tr>
<td>100</td>
<td>2.5 fluid ounces</td>
<td>1.25 fluid ounces</td>
</tr>
</tbody>
</table>

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 2011 and newer diesel nonroad equipment.

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

FIGHTING STORAGE: Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Used 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 drums closed when not in use.

FIGHTING DISPOSAL: Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. Pesticide wastes are acute/chronic hazards. Wastes resulting from the use of this product, excess pesticide, spray mixture, or rinsate must be collected and disposed at the site of operational use. Disposal in or on any river, lake, pond, or waterway is illegal. Disposal in or on any soil or ground which is or may be a source of surface or ground water pollution is illegal. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Substance representative at your EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, pay out of smoke.

Precautionary Statements
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage or skin burns. May be fatal if swallowed or absorbed through the skin. Consult a Poison Control Center or doctor for immediate medical treatment information.

NOTE TO PHYSICIAN

Probable mucous membrane damage may contraindicate the use of gastric lavage. This product may pose an aspiration hazard to persons who have previously ingested petroleum distillates.

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