

FORMULA #855

### INDUSTRIAL MICROBICIDE

**ACTIVE INGREDIENTS**

Methylene bis(2-chloro-6-tert-butyl-4-methylpyridinium chloride)	25.8
2,2-Dibicyanomethyl-5-dimethylimidazolidinone	25.0

**INERT INGREDIENTS**

The product weighs 7.99 pounds per gallon.

## KEEP OUT OF REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive, causes irreversible eye damage and causes skin damage. Harmful or fatal if swallowed or absorbed through the skin. This product is a potential skin sensitizer. Workmen handling this product or treated material should wear impervious gloves, goggles, or face shield, and protective clothing. All protective clothing, work shoes or boots, and equipment must be left at the work site at the end of the day. Eating, drinking, or smoking during use of this product is prohibited.

**FIRST AID.** In case of skin contact, wash promptly and thoroughly with soap and water and finally with glycerin. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for 15 to 30 minutes. Get medical attention immediately. If product is swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**ENVIRONMENTAL HAZARDS.** This pesticide is toxic to fish. Do not apply directly to water or wetlands. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

**PHYSICAL AND CHEMICAL HAZARDS:** Do not expose to extreme temperatures.

### STORAGE & DISPOSAL

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

**STORAGE.** Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened 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 DISPOSAL.** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or empty container 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.** 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, stay out of smoke.

### DIRECTIONS FOR USE

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

**COOLING TOWERS.** FORMULA #855 is used to protect cooling tower wood against soft or surface rot and internal or dry rot. It is applied by spraying or painting a dispersion containing 2.0 to 2.8% FORMULA #855 in water onto the clean wood surfaces. The amount applied should provide 2.4 to 3.2 lb FORMULA #855 per 1000 ft<sup>2</sup> of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of FORMULA #855 to the recirculating cooling water at the tower basin or collection tank. The dosage should provide 5.0 lb of FORMULA #855 per 1000 gal of water in the tank. It should be stopped for 4 to 6 hr after treatment. The shock treatment should be repeated every 3 to 6 months.

**COOLING WATER.** FORMULA #855 is used to control algae, bacteria, and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned to remove old algal 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 14.0 lb FORMULA #855 per 1000 gal water in the system. Subsequent additions of 0.8 to 4.0 lb FORMULA #855 should be made every 1 to 5 days, depending on amount of blue-tint and severity of microbiological growth.

**DRILLING FLUIDS.** To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells, FORMULA #855 is incorporated in the drilling fluid at concentrations of 0.2 to 1.0% based on the total wet weight of the fluid.

**PETROLEUM SECONDARY RECOVERY.** FORMULA #855 is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in oil field water, polymer, or micellar brines, water disposal systems, and other oil field water systems at dosage rates of 15.6 to 52.0 lb FORMULA #855 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 separator pumps and injection well headers. **Continuous Feed Method.** When system is noticeably fouled, add 15.6 to 52.0 lb FORMULA #855 per 1000 gal of water continuously until desired degree of control is achieved. Then treat with 15.6 to 52.0 lb FORMULA #855 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 15.6 to 52.0 lb FORMULA #855 per 1000 gal of water for 4 to 8 hr per day, and 1 to 4 times per week, or as needed to maintain control.

**CRUDE AND REFINED OILS.** FORMULA #855 is an oil-soluble product used for the control of bacteria and fungi that cause the degradation of crude oil and refined fuel oils during storage. It should be added to the oil as it is being transferred from the storage tank to the storage tank at a rate of 2.4 to 24.0 lb FORMULA #855 per 1000 gal of oil. A 100% solution should be made for use where mixing occurs.

**ACCEPTED**  
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Checked and approved for release and  
distribution by the Regional Office for the  
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Manufactured by

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