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QUIN 4215

INDUSTRIAL MICROBICIDE

ACTIVE INGREDIENTS

Methyl isothiazolone	2.5%
2-Thiazolone	2.5%
INERT INGREDIENTS	95.0%

The product weighs 2.00 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. Workers handling this product for 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 sticking 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 bodies. 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 store with water or acids. Do not store more than 1 year.

STORAGE: Do not expose to extreme temperatures. Do not store more than 1 year. Keep container tightly closed when not in use. Leaking or damaged containers should be repaired or replaced. Spills should be absorbed or washed up and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of concentrated pesticide wastes 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.

CONTAINER DISPOSAL: (See above or equivalent). This offer for recycling is subject to the availability of recycling facilities. Recycling may not be available in all areas. Followed by state and local regulations. Do not burn. 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: QUIN 4215 is used to protect cooling tower wood against soft-rot surface rot and internal or dry rot. It is applied by spraying or painting a dispersion containing 2.0 to 7.0% QUIN 4215 in water into the clean wood surfaces. The amount applied should provide 2.4 to 3.2 lb QUIN 4215 per 100 lb of wood surface. Soft-rot surface rot can also be inhibited by periodic shock doses of QUIN 4215 to the recirculating cooling water at the tower basin or cell. The shock dose should provide 5.0 lb of QUIN 4215 per 1000 gal of water and must be repeated 4 to 6 hr after treatment. The shock treatment should be repeated every 1 to 2 months.

COOLING WATER: QUIN 4215 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 algal growth, microbiological slime, and other deposits. System should then be drained, flushed, refilled with water, and treated with an initial dose of 2.4 to 4.0 lb QUIN 4215 per 1000 gal water in the system. Subsequent additions of 1.0 to 4.0 lb QUIN 4215 per 1000 gal should be made every 1 to 5 days, depending on amount of bleedoff and severity of microbial fouling.

DRILLING FLUIDS: To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells, QUIN 4215 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: QUIN 4215 is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in field water, polymer-flooding water, disposal systems, and other oil field water systems. It is applied at 1.0 to 5.0 lb QUIN 4215 per 1000 gal of water level. Additions should be made continuously or intermittently by means of a metering pump at the free water knockouts. Before or after the flow pumps in liner or well headers. Continuous Feed Method: When system is not notably fouled, treat with 15.6 to 52.0 lb QUIN 4215 per 1000 gal of water continuously until desired degree of control is achieved. Then treat with 15.6 to 52.0 lb QUIN 4215 per 1000 gal of water continuously, or as needed to maintain control. Intermittent or Slug Method: When system is notably fouled, or to maintain control, add 15.6 to 52.0 lb QUIN 4215 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: QUIN 4215 is an oil-soluble preservative for the control of bacteria and fungi that cause the degradation of crude oil and refined fuel during storage. It should be added to the oil as it is being transferred from the shipping container to storage tanks at the rate of 2.4 to 24.0 lb QUIN 4215 per 1000 gal of oil. Additions should be made batchwise when making transfers to or from any of the storage side of the transfer pump.

ACCEPTED

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This product has been approved for sale in the United States, provided it is used in accordance with the label instructions. EPA Reg No. 4523-3

Manufactured by
 CHEMICAL CORPORATION
 10000 W. 10th Street
 Overland Park, MO 66211

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