

MTC 10

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye and skin damage. This product is a potential skin sensitizer. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed.

STATEMENT OF PRACTICAL TREATMENT: If product gets in eyes, flush with plenty of water for at least 15 minutes. Call a physician. In case of skin contact, wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse. If product is swallowed, call a physician or Poison Control Center. **DO NOT INDUCE VOMITING.** Rinse mouth with copious amounts of water or milk, and then give 1 or 2 glasses of water to drink. Avoid alcohol.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

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

STORAGE: Do not use or store near heat or open flame. Do not stack more than four 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 rinsate 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.

PULP AND PAPER MILLS: For control of bacterial and fungal slime on pulp, paper, or paperboard machines, add MTC 10 to the stock or white water going to the fan pump in amounts of 0.05 to 1.0 lb per ton of pulp or paper produced. Addition can be made continuously or intermittently, as required to control the slime. Use of a metering pump to feed the product directly from the shipping container is recommended. To inhibit the growth of bacteria in papermaking additives (including alum solutions, animal glue solutions, pigment slurries, coating formulations and starch slurries and solutions) MTC 10 is added to these materials in concentrations of 50 to 400 ppm (weight/weight). Pulp that may be held in storage for 8 hours to 1 week should be treated with 0.25 to 0.75 kg of MTC 10 per tonne (0.5 to 1.5 lb per ton) of moisture free pulp. MTC 10 may be added to contaminated fresh water at the rate of 5-10 ppm (w). Treatment periods of 6 to 12 hours out of each 24 hours.

COMMERCIAL AND INDUSTRIAL RECIRCULATING COOLING/PROCESS WATER SYSTEMS: For control of bacterial and fungal slime in commercial and industrial recirculating cooling water systems, add MTC 10 to the cooling or industrial process waters at dosages of 5.5 to 6.8 fl oz per 1000 gallons of water in the system (40 to 50 ppm MTC 10, based on the weight of water in the system). Repeat initial dosage until control is evident. Then treat the system with 0.7 to 3.4 fl oz of MTC 10 per 1000 gallons of water (5 to 25 ppm MTC 10) every 2 to 5 days, or as needed. If the system is badly fouled, it should be cleaned to remove old deposits before treatment with MTC 10 is begun.

RETORT SYSTEMS AND PASTEURIZERS: For control of bacterial and fungal slime in retort and pasteurizer process water,

ACCEPTED
NOV 03 1993
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under 1448-34
EPA Reg. No.

PM31 1448-34

ACTIVE INGREDIENTS:

Methylene bis(isocyanate)

INERT INGREDIENTS:

MTC 10 is added to the first section of the pasteurizer. For best results, a heavily contaminated system remove old deposits prior to treatment with MTC 10. The initial dose should be 4.0 to 8.0 fl oz of MTC 10 in the system. To maintain control add 2.0 to 4.0 fl oz per 1000 gal of water. Addition of MTC 10 may be intermittently, as required to control growth.

DRILLING FLUIDS: To inhibit bacterial and fungal degradation of the fluids or muds used in the drillin incorporated in the drilling fluid at concentrations of 0.05 to 0.25% based on the total wet weight of the

PETROLEUM SECONDARY RECOVERY: MTC 10 is used to control bacteria and fungi in oil field waste floods, water-disposal systems, and other oil field water systems at dosage rates of 0.2 to 4.0 fl oz of M water treated. Additions should be made continuously or intermittently by means of a metering pu knockouts, before or after injection pumps and injection well headers. Continuous Feed Method: When fouled, add 0.6 to 4.0 fl oz MTC 10 per 1000 gal of water continuously until desired degree of control is with 0.2 to 1.3 fl oz MTC 10 per 1000 gal of water continuously, or as needed to maintain control. Inter When system is noticeably fouled, or to maintain control, add 0.6 to 4.0 fl oz MTC 10 per 1000 gal of wa and 1 to 4 times per week, or as needed to maintain control.

CRUDE AND REFINED OILS: MTC 10 is a preservative for the control of bacteria and fungi that cau crude oil and diesel and distillate heating oils during storage. It should be added to the oil as it is bein ripping container to the storage tank at the rate of 0.6 to 6.6 fl oz MTC 10 per 1000 gal of oil. Add batchwise where mixing occurs or continuously to the suction side of the transfer pump.

FOR THE PRESERVATION OF PIGMENT SLURRIES, ADHESIVES, COATINGS AND INKS: MTC 10 point in the processing system where there will be sufficient time and agitation for good mixing and d amount of material to be added for the preservation of any given formulation will depend on the compon and conditions. Dosage rates should be determined by actual test.

For pigment slurries, add MTC 10 at use levels of 0.2-0.5%, by weight, based on the total formulation the growth of bacteria that may cause viscosity loss. For water-based adhesives, add MTC 10 at use weight, based on the total formulation of the adhesive to inhibit the growth of bacteria that may cause visc based coatings, add MTC 10 at use levels of 0.2-0.5%, by weight, based on the total formulation of the growth of bacteria that may cause viscosity loss. Add MTC 10 at use levels of 1.0-5.0%, by weig formulation of the coating to inhibit disfigurement and deterioration caused by fungi on the dry film. coatings, add MTC 10 at use levels of 0.5-5.0%, by weight, based on the total formulation of the coating) and deterioration caused by fungi on the dry film. For inks, add MTC 10 at use levels of 0.2-2.0%, by total formulation of the ink to inhibit bacterial and fungal growth in the ink. **SOLUTIONS AND EMULSIONS** of solutions, emulsions, adhesives, photographic emulsions and other aqueous liquid products, the addition 10 is effective. Add MTC 10 at a point in the processing system where there will be sufficient time and ag and dispersion. The exact amount of MTC 10 to added for the preservation of a given formulatio components as well as local storage time and conditions. Dosage rates should be determined by actu is not cleared for use in the manufacture of adhesives, coatings, slurries or inks that may come l

METALWORKING FLUIDS: For control of bacteria and fungi in metal working fluids that contain water, ad 10 (0.10 to 0.40 gallons per 1000 gallons of fluid) per week, or as needed to maintain control. Slug feed collection tank is recommended. Thoroughly mix the fluid after adding MTC 10 to ensure complete dis

AIR WASHER SYSTEMS: For control of bacteria and fungi. Pre-clean the system with detergent and a with fan on for two hours. Flush and check nozzles, manually cleaning as necessary. Add 10 to 40 ppt gallons of water) one to three times per week or as needed to maintain control. Add MTC 10 to a point and even distribution will occur.

LEATHER: To prevent bacterial degradation during the soaking of pre-freshed hides and skins, MTC 10 200 ppm (0.003-0.02%) based on the weight of the hides/skins and soak water. To prevent mold growth or tanned hides and skins during tanning or post-tanning operations prior to finishing, MTC 10 is used at 10 3.0 pounds per 1000 pounds white weight (fined) stock.

HMS/NPCA RATING

Health 3 Flammability 2 Reactivity 1

Product Weight: 8.5 lbs
NET CONTENTS MARKET

EPA Reg. No.

Manufactured By EPA Est. No. 1448-TN-1
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Rev. 6/07/93

BEST AVAILABLE GO