

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash before reuse.

Mixers, loaders, and others exposed to product must wear the following Personal Protective Equipment (PPE): Long-sleeve shirt and long pants; rubber gloves and apron; shoes plus socks; and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: Users must wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements 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 previously notifying the local sewage treatment plant authority. For guidance contact your state water board regional office of the U.S. Environmental Protection Agency (EPA). Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on the label.

PHYSICAL AND CHEMICAL HAZARDS

This product is corrosive to mild steel.

STORAGE AND DISPOSAL

This product (pH 3.0) is corrosive to mild steel.

PESTICIDE STORAGE: Do not store or transport in unlined metal containers. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

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 the label instructions contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

Non-refillable container: Triple rinse container promptly after emptying. Triple rinse as follows: [For containers < five gallons in size] empty the remaining contents into application equipment or mix tank and drain for ten seconds after flow begins to drip. Fill the container one-quarter full with water and recap. Shake for ten seconds. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for ten seconds after flow begins to drip. Repeat this procedure two more times. [For containers > five gallons in size] Empty the remaining contents into application equipment or mix tank. Fill the container one-quarter full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Refillable container: Refill this container with pesticide only. Do not reuse the container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refill is the responsibility of the refiller. To clean container before final disposal, triple rinse container promptly after emptying. [For containers < five gallons in size] Empty the remaining contents into application equipment or mix tank and drain for ten seconds after flow begins to drip. Fill the container one-quarter full with water and recap. Shake for ten seconds. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for ten seconds after flow begins to drip. Repeat this procedure two more times. [For containers > five gallons in size] Empty the remaining contents into application equipment or mix tank. Fill the container one-quarter full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

ISOTROL NM

MICROBIOCIDES

Active Ingredients:

Table with 2 columns: Ingredient name and percentage. Includes 5-Chloro-2-methyl-4-Isothiazolin-3-one (1.11%), 2-Methyl-4-isothiazolin-3-one (0.39%), Other Ingredients (98.50%), and TOTAL (100.00%).

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

If in eyes:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

If on skin or clothing:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

If inhaled:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

If swallowed:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center, doctor, or going for treatment.

MEDICAL EMERGENCY TELEPHONE: 1-800-535-5053

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Distributed by:



8820 Old Hwy. 99 SE
Tumwater, WA 98501
360-943-6063

FPA Reg No. 82760-2-43553

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING TECHNICAL INFORMATION SHEET. Do not apply this product in a way that will contact workers or other persons.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS

For the control of microbial biofilms, bacteria, algae, and fungi, add at some point in the system to ensure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm product (1.26 to 7.46 pounds or 19 to 113 fluid ounces per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm product (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces per 1,000 gallons of water in the system) weekly or as needed to maintain control.

AIR WASHER SYSTEMS/PAINT SPRAY BOOTHS

Add to the air washer sump, chill water sump, or paint spray booth to insure uniform mixing, 35-883 ppm product (0.3-7.46 lb or 4.5-113 fluid ounces of product per 1,000 gallons of water in the system) depending upon the severity of contamination to control microbial biofilms, bacteria, fungi, and algae which cause fouling in industrial air washer systems and paint spray booths.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: For a noticeably fouled system, apply 148 to 883 ppm product (1.26 to 7.46 pounds or 19 to 113 fluid ounces per 1,000 gallons of water in the system). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm product (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces per 1000 gallons of water in the system) weekly or as needed to maintain control. Clean badly fouled systems before treatment begins.

CONTINUOUS FEED METHOD

INITIAL DOSE: For a noticeably fouled system, apply 148 to 883 ppm product (1.26 to 7.46 pounds or 19 to 113 fluid ounces per 1,000 gallons of water in the system).

SUBSEQUENT DOSE: When microbial control is evident, add 35 to 219 ppm product (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces per 1000 gallons of water in the system). Badly fouled systems must be cleaned before initial treatment

NOTE: For use only in systems that maintain effective mist-eliminating components.

METALWORKING FLUIDS

Recommended for the control of bacteria, fungi, and microbial biofilms in soluble and emulsifiable-type aqueous metalworking fluids. For the maintenance of a non-fouled system, use at 33 fluid ounce per 1000 gallons of emulsion (2.2 lb) every 4 weeks or 33-141 fluid ounces per 1,000 gallon emulsion (2.2-9.5 lb) every 8-12 weeks. For a noticeably fouled system, use an initial dose of 66-141 fluid ounces per 1,000 gallon emulsion (4.5-9.5 lb) to be followed by subsequent maintenance dosages depending upon the treatment interval noted above. A higher dosage and/or more frequent treatments may be required based on the dilution rate of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use-dilution of the metalworking fluid using a metering pump and uniformly dispersed throughout the system.

FUEL PRESERVATION*

Recommended for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fuels, kerosene, heating oils, diesel fuels, residual fuel oils, coal slurries, liquefied petroleum gases, and petrochemical feedstocks. Method of Addition: Should be directly dispersed into a fuel tank storage tank or a flowing stream of fuel in a manner to insure uniform distribution of the preservative in the fuel system. Slug dose or continuous feed methods are recommended. Curative Dose: When the system is noticeably fouled, add 1-2 gallons per 10,000 gallons of fluid in the system. This will provide 100 to 200 ppm of product and 1.5-3.0 ppm active ingredient. Repeat until control is achieved. A shock dose of up to 4 gallons per 10,000 gallons of fluid is recommended in the case of extreme contamination. Grossly contaminated systems should be physically cleaned to remove debris. Maintenance Dose: When the system is noticeably fouled, add 0.5 to 1.5 gallons per 10,000 gallons of fluid to maintain the system. This will provide 50 to 150 ppm of product and 0.75-2.25 ppm active ingredient. Repeat every 4-6 weeks or when microbial contamination is detected.

FOR USE IN AVATION FUEL THE FEDERAL AVIATION ADMINISTRATION MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.

*Not approved for this use in the State of California

BREWERY PASTEURIZERS AND CAN WARMER SYSTEMS*

Initial Dose: In noticeably fouled systems, add 1.25 to 7.5 pound per 1,000 gallons of water depending on the severity of foul for control of bacteria, algae, and fungi. Subsequent Dose: Add 0.3 to 1.86 pounds or 4.5 to 113 fluid ounces per 1,000 gallons of water in the system weekly or as needed to maintain control.

*Not approved for this use in the State of California

ULTRA FILTRATION UNITS, SUCH AS REVERSE OSMOSIS SYSTEMS*

Can be used to control bacteria and fungi in ultra-filtration units, such as reverse osmosis systems. Add 10 to 333 ppm to industrial ultra-filtration or reverse osmosis systems by either continuous feed or periodic injection. Confirm with membrane manufacturers the compatibility of the membrane with this microbicide. Control of bacteria and fungi in carbon beds can be achieved by adding 10 to 333 ppm. For periodic membrane cleaning, add 0.4 to 1.0 pounds to every 120 gallons of cleaning solution. Clean badly fouled systems before treatment begins.

*Not approved for this use in the State of California