Biocide MC 68 WT

EPA REG. NO. 707-135-1020

EPA EST. NO. 1020-MI-1


ACTIVE INGREDIENTS: 5-Chloro-2-methyl-4-isothiazolin-3-one 1.11%
2-Methyl-4-isothiazolin-3-one 0.39%

INERT INGREDIENTS: 98.50%

Total: 100.00%

NET CONTENT: 19 kg/42 lb.

KEEP OUT OF REACH OF CHILDREN

DANGERS

FIRST AID

IF ON SKIN: • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 min. Call a poison control center or doctor for treatment advice.

IF IN EYES: • Hold eye open and rinse slowly and gently with water for 15-20 min. Remove contact lenses, if present, after first 5 min. Then, rinse continuously for 15 min.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

POISON CONTROL CENTER
1-800-222-1222

NOTE TO PHYSICIAN

Probable mucous membrane irritation may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENT

DIRECTIONS FOR USE

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

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 Biocide MC 68 WT microbicide (0.3 - 7.45 pound or 4.5 - 113 fluid ounce of Biocide MC 68 WT per 1000 gallon 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 Dosage: When system is noticeably fouled, apply 148 - 883 ppm Biocide MC 68 WT microbicide (12.6 - 74.6 pound or 19 - 113 fluid ounce of Biocide MC 68 WT per 1000 gallon of water in the system). Repeat until control is achieved.

Subsequent Dosage: Maintain this treatment level by adding a continuous feed of 35 - 219 ppm Biocide MC 68 WT microbicide (0.3 - 1.86 pound or 4.5 - 28 fluid ounce of Biocide MC 68 WT per 1000 gallon of water) in the system weekly or as needed to maintain control. Badly fouled systems should be cleaned before treatment is begun.

Continuous Feed Method

Initial Dosage: When the system is noticeably fouled, apply 148 - 883 ppm Biocide MC 68 WT microbicide (12.6 - 74.6 pound or 19 - 113 fluid ounce of Biocide MC 68 WT per 1000 gallon of water in the system). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.

Subsequent Dosage: Maintain this treatment level by adding a continuous feed of 35 - 219 ppm Biocide MC 68 WT microbicide (0.3 - 1.86 pound or 4.5 - 28 fluid ounce of Biocide MC 68 WT per 1000 gallon of makeup water). Badly fouled systems must be cleaned before initial treatment.

NOTE: For use only in systems that maintain effective miscellating components.

For the control of microbial biofilms, bacteria, algae, and fungi, add Biocide MC 68 WT microbicide to: Industrial recirculating water cooling towers, industrial recirculating closed loop water cooling systems, industrial process water systems, industrial scrubbing systems, influent water filtration systems, brewery pasteurizer, can warmer systems, retort water systems, hydrostatic sterilizer water systems, and immersion ultrasonic tank water. Add Biocide MC 68 WT microbicide to industrial recirculating water cooling towers, industrial recirculating closed loop water cooling systems, industrial process water systems, industrial scrubbing systems, influent water filtration systems, brewery pasteurizer, can warmer systems, retort water systems, hydrostatic sterilizer water systems, and immersion ultrasonic tank water. Add Biocide MC 68 WT microbicide to industrial recirculating water cooling towers, industrial recirculating closed loop water cooling systems, industrial process water systems, industrial scrubbing systems, influent water filtration systems, brewery pasteurizer, can warmer systems, retort water systems, hydrostatic sterilizer water systems, and immersion ultrasonic tank water. Add Biocide MC 68 WT microbicide to industrial recirculating water cooling towers, industrial recirculating closed loop water cooling systems, industrial process water systems, industrial scrubbing systems, influent water filtration systems, brewery pasteurizer, can warmer systems, retort water systems, hydrostatic sterilizer water systems, and immersion ultrasonic tank water. Add Biocide MC 68 WT microbicide to industrial recirculating water cooling towers, industrial recirculating closed loop water cooling systems, industrial process water systems, industrial scrubbing systems, influent water filtration systems, brewery pasteurizer, can warmer systems, retort water systems, hydrostatic sterilizer water systems, and immersion ultrasonic tank water.

ULTRA FILTRATION UNITS AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS SYSTEMS

Biocide MC 68 WT microbicide is recommended for the control of microbial biofilms, bacteria and fungi in ultra filtration units and non-medical/non-potable reverse osmosis systems. Use of Biocide MC 68 WT microbicide is prohibited. Add 10 - 333 ppm of Biocide MC 68 WT microbicide (0.15 - 5 ppm active ingredient) into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of Biocide MC 68 WT microbicide with reverse osmosis membranes should be confirmed with membrane manufacturers. For the control of bacteria and fungi in carbon beds, add 10 - 333 ppm of Biocide MC 68 WT microbicide (0.15 - 5 ppm active ingredient) by either continuous or batch feed. For periodic membrane cleaning, add 0.4 - 1.0 lb of Biocide MC 68 WT microbicide to every 120 gallon of cleaning solution (6 - 15 ppm active ingredient).

Badly fouled systems should be cleaned before treatment is begun.

INDUSTRIAL WASTEWATER TREATMENT SYSTEMS AND SEWAGE SYSTEMS

Biocide MC 68 WT microbicide is recommended for the control of microbial biofilms, bacteria, fungi, and algae in industrial wastewater treatment and sewage systems. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

Initial Dosage: When the system is noticeably fouled, apply 148 - 883 ppm Biocide MC 68 WT (12.6 - 74.6 pound or 19 - 113 fluid ounce of Biocide MC 68 WT per 1000 gallon of water in the system). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.

Subsequent Dosage: When microbial control is evident, add 35 - 219 ppm Biocide MC 68 WT microbicide (0.3 - 1.86 pound or 4.5 - 28 fluid ounce of Biocide MC 68 WT per 1000 gallon of water) weekly or as needed to maintain control.

Biocide MC 68 WT Microbicide weighs 8.4 lb/gallon.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER
CORROSIVE: CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS, MAY CAUSE ALLERGIC SKIN REACTION, HARMFUL IF INHALED, HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN

Do not get in eyes, on skin, or on clothing. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands 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 should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

ENVIRONMENTAL HAZARDS
This chemical is toxic to aquatic plants, fish and aquatic invertebrates. 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 or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

STORAGE AND DISPOSAL
Do not contaminate water, feed or by storage, disposal, or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons.

PESTICIDE STORAGE
Do not store in areas where temperature will exceed 120° F. Store out of the reach of children. Do not store in or on food or feed containers or equipment.

PESTICIDE DISPOSAL
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL
Nonrefillable Container: Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.

GENERAL
CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

CONDITIONS OF SALE AND WARRANTY
Chemetall US, Inc. warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions and as defined under the Directions for Use on this label. CHEMETALL US, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EITHER OF MERCHANTABILITY OR FITNESS, FOR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or User are beyond the control of Chemetall US, Inc. and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow directions will be assumed by the Buyer or User. TO THE EXTENT PERMITTED BY LAW, NEITHER CHEMETALL US, INC. NOR SELLER SHALL BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

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