CHEMTREAT CL-2156

Industrial Microbicide for use in Recirculating Water Cooling Towers, Air Washer Systems, Ultra Filtration Units and Non-Medical/Non-Potable Reverse Osmosis Systems, and Recirculating Cooled Loop Water Cooling Systems

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

INERT INGREDIENTS: 98.50%
Total: 100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER 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 gently with water for 15-20 min.
- Remove contact lenses, if present, after first 5 min, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF INHALED:
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

IF SWALLOWED:
- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have person sip a glass of water if able to swallow.
- Do not give anything to an unconscious person.
- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IN CASE OF EMERGENCY, CALL 1-800-424-9309

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage, manual pressure, irrigation, suction, or intubation.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE
CAUSES INHERENTLY 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 PFIs. If no such instructions for washables exist, use detergent and hot water. Keep and wash PFIs 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; the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product in sewage 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

PESTICIDE STORAGE

Do not contaminate water, food, 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 DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or residue is a violation in a Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pest Control or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Nonrefillable container. Do not re-use or re-fill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptied. 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

Chemtreat, 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 local regulations and as defined in the instructions. Use on this label, CHEMTREAT INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage, and use of this product by Buyer, or User are beyond the control of ChemTreat, Inc. and Seller. Risks such as malfunction, or other included considerations resulting from, but not limited to, failures in following directions will be assumed by the Buyer or User. CHEMTREAT INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

DIRECTIONS FOR USE

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

AIR WASHER SYSTEMS:
Add to the air washer tank, chill water tank to insure uniform mixing, 35 – 80 ppm ChemTreat CL-2156 (0.3 – 7.64 pounds or 0.3 – 143 fluid ounces of ChemTreat CL-2156 per 1000 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.

INTERMEDIATE OR SLUG METHOD

INITIAL DOSE: When the system is notoriously fouled, apply 350 – 800 ppm ChemTreat CL-2156 (3.5 – 76.46 pounds or 3.5 – 143 fluid ounces of ChemTreat CL-2156 per 1000 gallons of water in the system)

SUBSEQUENT DOSE: When microbial control is evident, add 35 – 210 ppm ChemTreat CL-2156 (0.3 – 1.66 pounds or 0.3 – 28 fluid ounces of ChemTreat CL-2156 per 1000 gallons 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 DOSE: When the system is notoriously fouled, apply 350 – 800 ppm ChemTreat CL-2156 (3.5 – 76.46 pounds or 3.5 – 143 fluid ounces of ChemTreat CL-2156 per 1000 gallons of water in the system)

SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 35 – 210 ppm ChemTreat CL-2156 (0.3 – 1.66 pounds or 0.3 – 28 fluid ounces of ChemTreat CL-2156 per 1000 gallons of water in the system). Report until control is achieved. Badly fouled systems should be cleaned before treatment is begun.

SUBSEQUENT DOSE: When microbial control is evident, add 35 – 210 ppm ChemTreat CL-2156 (0.3 – 1.66 pounds or 0.3 – 28 fluid ounces of ChemTreat CL-2156 per 1000 gallons of water in the system) weekly or as needed to maintain control.

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

CHEMTREAT CL-2156 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 CHEMTREAT CL-2156 in potable water or dialysis is prohibited. Add 10 – 330 ppm of CHEMTREAT CL-2156 (0.15 – 5 ppm active ingredient) in pre- and post-filter circuit filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of CHEMTREAT CL-2156 with reverse osmosis membranes should be confirmed with membrane manufacturers.

For the control of bacteria and fungi in carbon beds, add 10 – 330 ppm of CHEMTREAT CL-2156 (0.15 – 5 ppm active ingredient) by either continuous or batch feed. For periodic intermittent cleaning, add 0.6 – 1.0 ppm of CHEMTREAT CL-2156 to every 120 gallons of cleaning solution (5 – 15 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun.

ChemTreat CL-2156 microbicide weighs 8.4 pounds/gallon.

Rev. 05/2011

MANUFACTURED FOR:

CHEMTREAT, INC.
10440 LICKINGHOLE ROAD
ASHLAND, VIRGINIA 23005

EPA REG. NO. 707-133-12500
EPA EST. NO. 707-TX-1

118
New 02-22-2012