CHEMTRATE 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 Closed Loop Water Cooling Systems

ACTIVE INGREDIENTS:
5-Chloro-2-methyl-4-isothiazolin-3-one 1.11%
2-Methyl-4-isothiazolin-3-one 0.39%
INERT INGREDIENTS:
Total: 98.50%

Total: 100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

IF ON SKIN:
• Take off contaminated clothing.
• Wash 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 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 by 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 1-800-424-9300

NOTE TO PHYSICIAN: Probable mucosal damage may contribute the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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, chill water system to insure uniform mixing. 35 – 883 ppm CHEMTRATE CL-2156 (0.3 – 7.46 pounds) or 4.5 – 113 fluid ounces of CHEMTRATE CL-2156 per 100 gallon of water in the system, depending upon the severity of contamination to control microbial biofilms, bacteria, fungi, and algae causing fouling in industrial air washer systems.

INTERMITTENT OR SLUG METHOD:
INITIAL DOSE: When the system is noticeably fouled, apply 148 – 883 ppm CHEMTRATE CL-2156 (1.26 – 7.40 gallon per 1gallon of water in the system). Repeat until control is achieved.
SUBSEQUENT DOSE: When microbial control is evident, add 35 – 219 ppm CHEMTRATE CL-2156 (0.3 – 1.86 gallon of 4.5 – 28 fluid ounces of CHEMTRATE CL-2156 per 100 gallon of water in the system) weekly or as needed to maintain control. Fully fouled systems should be cleaned before treatment is begun.

CONTINUOUS FEED METHOD:
INITIAL DOSE: When the system is noticeably fouled, apply 148 – 883 ppm CHEMTRATE CL-2156 (1.26 – 7.40 gallon per 1gallon of water in the system).
SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 35 – 219 ppm CHEMTRATE CL-2156 (0.3 – 1.86 gallon of 4.5 – 28 fluid ounce of CHEMTRATE CL-2156 per 100 gallon of water in the system).

ENVIRONMENTAL HAZARDS:
Fully fouled systems must be cleaned before initial treatment.

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

For the control of microbial biofilms, bacteria, algae, and fungi, add CHEMTRATE CL-2156 in industrial recirculating water cooling towers and industrial recirculating closed loop water cooling systems. Add CHEMTRATE CL-2156 at some point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 – 883 ppm CHEMTRATE CL-2156 (1.26 – 7.40 gallon per 1gallon of water in the system). Repeat until control is achieved. Fully fouled systems should be cleaned before treatment is begun.

SUBSEQUENT DOSE: When microbial control is evident, add 35 – 219 ppm CHEMTRATE CL-2156 (0.3 – 1.86 gallon of 4.5 – 28 fluid ounces of CHEMTRATE CL-2156 per 100 gallon of water in the system) weekly or as needed to maintain control.

ULTRA FILTRATION UNITS AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS SYSTEMS:
CHEMTRATE 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 CHEMTRATE CL-2156 in potable water or deionized is prohibited. Add 10 – 355 ppm of CHEMTRATE CL-2156 (0.15 – 5 ppm active ingredient) into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of CHEMTRATE CL-2156 with reverse osmosis membranes should be confirmed with membrane manufacturers. For the control of bacteria and fungi in carbon beds, add 10 – 105 ppm of CHEMTRATE CL-2156 (0.15 – 5 ppm active ingredient) by either continuous or batch feed. For periodic membrane cleaning, add 0.4 – 1.0 Bq of CHEMTRATE CL-2156 to every 120 gallon of cleaning solution (0 – 15 ppm active ingredient).

Fully fouled systems should be cleaned before treatment is begun.

CHEMTRATE CL-2156 microbicide weighs 8.4 pounds/gallon.

CONDITIONS OF SALE AND WARRANTS:
Chemtreat, Inc. warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with label directions and as directed in the Direction for Use on this label. CHEMTRATE, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, EITHER OF MERCHANTABILITY OR FITNESS, OR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or any party are beyond the control of Chemtreat, Inc. and Seller. Risks such as self-ignitability or other unforeseen consequences resulting from, not, but limited to, failure to follow directions will be assumed by the Buyer or User. To the extent permitted by law, neither CHEMTRATE, INC., NOR SELLER SHALL BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.

MANUFACTURED FOR:
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EPA REG. NO. 707-133-15300
EPA I.D. NO.: 707-TX-1 15300-VA-1 15300-TX-1

Res. 03/01/14