

DIRECTIONS FOR USE

Flush toilet. Add 1 fluid oz. (2 tablespoons) directly to water in toilet bowl (3/4 gallon). Brush to cover all bowl surfaces including under the rim. Flush toilet.

For badly stained bowls, repeat above treatment using 2 to 4 fluid ounces of CHEMEX DISINFECTANT BOWL CLEANER.

For use in urinals, add 1 fluid oz. (2 tablespoons) to 3/4 gallon of water. Apply by brush to all urinal surfaces. Flush.

At 1 fluid oz. / 3/4 gallon water, CHEMEX DISINFECTANT BOWL CLEANER is effective against *Pseudomonas aeruginosa*, *Salmonella choleraesuis* and *Staphylococcus aureus* (in toilet bowls and urinals). This performance has been confirmed by the AOAC Use-Dilution Test Procedure.

The cationic detergent system of CHEMEX DISINFECTANT BOWL CLEANER inhibits the acid corrosion of metal parts found around toilet bowls and urinals.

DEARCIDE® 713

CONTROLS BACTERIA AND ALGAE IN INDUSTRIAL AND COMMERCIAL RECIRCULATING COOLING TOWERS;
CONTROLS BACTERIA AND FUNGAL SLIMES IN PULP AND PAPER MILLS.

ACTIVE INGREDIENTS:

N-ALKYL (7% C ₈ , 6.5% C ₁₀ , 5.3% C ₁₂ , 19% C ₁₄ , 8.5% C ₁₆ , 6% C ₁₈) -	
1,3 - PROPANEDIAMINE	15.0%
ISOPROPYL ALCOHOL	15.0%
2, 4, 5-TRICHLOROPHENOL	9.5%
INERT INGREDIENTS	60.5%

ACCEPTED

JUN 28 1976

UNDER THE FEDERAL INSECTICIDE,
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO. 4643-19

DIRECTIONS FOR USE: NOTE: ADD DEARCIDE® 713 SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID ANY POSSIBLE INCOMPATIBILITIES.

RECIRCULATING WATER COOLING TOWERS: INITIAL DOSE: WHEN MICROBIOLOGICAL SLIMES ARE EVIDENT, APPLY 12.4 TO 18.6 FLUID OUNCES OF DEARCIDE® 713 PER 1000 GALLONS (100 PPM TO 150 PPM) OF WATER IN THE SYSTEM. REPEAT UNTIL CONTROL IS ACHIEVED. BADLY FOULED SYSTEMS SHOULD BE CLEANED BEFORE TREATMENT IS BEGUN. SUBSEQUENT DOSE: WHEN MICROBIOLOGICAL CONTROL IS EVIDENT, APPLY 6.2 TO 12.4 FLUID OUNCE OF DEARCIDE® 713 PER 1000 GALLONS (50 PPM TO 100 PPM) OF WATER IN THE SYSTEM ONCE PER WEEK, OR AS NEEDED TO MAINTAIN CONTROL. FEEDING: DEARCIDE® 713 SHOULD BE FED AT FULL STRENGTH IN THE COOLING TOWER BASIN AT A POINT OF MAXIMUM WATER CIRCULATION. LOWER BLEEDOFF VALVES SHOULD BE CLOSED TO PERMIT A RETENTION TIME OF 4 HOURS. SEE PRODUCT BULLETIN 7223.

PAPER MILLS: DOSAGE WILL VARY FROM 3.2 TO 4.8 FLUID OUNCES OF DEARCIDE® 713 PER TON OF FINISHED PAPER DEPENDING ON THE TYPE OF STOCK, COMPLEXITY OF THE SYSTEM, QUALITY OF RAW WATER, AND TYPE AND DEGREE OF CONTAMINATION. FEEDING: DEARCIDE® 713 MAY BE DRIP FED CONTINUOUSLY FROM THE DRUM OR FED BY SUITABLE CHEMICAL PUMPS (SUCH AS ADJUSTABLE PROPORTIONING TYPES; VARIABLE SPEED, POSITIVE DISPLACEMENT TYPE; OR BY THE RECIPROCATING TYPE). THIS PRODUCT SHOULD BE FED AT EARLY AS POSSIBLE IN THE SYSTEM AT SUCH POINTS INCLUDING THE OVERFLOWER, MACHINE CHEST OR BROKE SYSTEM.

DANGER: KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

CORROSIVE. CAUSES EYE DAMAGE AND SKIN IRRITATION. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND GLOVES WHEN HANDLING. HARMFUL OR FATAL IF SWALLOWED. AVOID CONTAMINATION OF FOOD.

FIRST AID: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. FOR EYES, GET A FULL CLEAN. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. IF SWALLOWED, DRINK PROMPTLY A LARGE QUANTITY OF MILK, EGG WHITES, GELATIN SOLUTION OR IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL. CALL A PHYSICIAN IMMEDIATELY.

NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK, RESPIRATORY DEPRESSION AND CONVULSION MAY BE NEEDED.

THIS PRODUCT IS TOXIC TO FISH. TREATED EFFLUENT SHOULD NOT BE DISCHARGED WHERE IT WILL DRAIN INTO LAKES, STREAMS, PONDS, OR PUBLIC WATER. WATER TREATED WITH DEARCIDE® 713 SHOULD NOT BE USED FOR FOOD PROCESSING, IRRIGATION OR IN THE MANUFACTURE OF PAPER USED FOR FOOD PACKAGING. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT, OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THE LABEL. DO NOT REUSE EMPTY DRUM. RINSE THOROUGHLY WITH WATER AND RETURN TO DRUM RECONDITIONER, OR DESTROY BY PERFORATING OR CRUSHING. KEEP THIS PRODUCT AWAY FROM HEAT OR OPEN FLAMES.

AGITATE BEFORE USING
EPA Reg. No. 4643-19
EPA Est. No. 4643-IL-1

KEEP FROM FREEZING
WEIGHT - 252 lbs. (30 gal.)
462 lbs. (55 gal.)

DEARBORN CHEMICAL DIVISION

CORPORATION Lake Zurich, Ill. 60047

DEARBORN



micro-
biological
treatment

DEARCIDE® 713

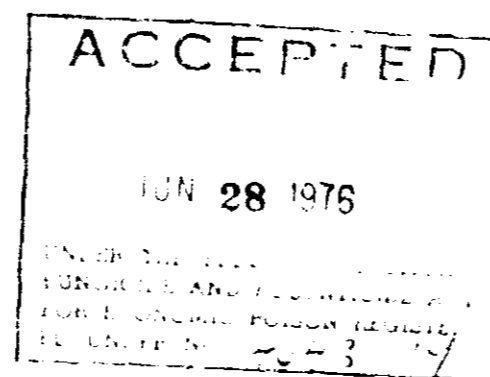
CONTROLS BACTERIA AND ALGAE IN INDUSTRIAL AND COMMERCIAL RECIRCULATING COOLING TOWERS; CONTROLS BACTERIA AND FUNGAL SLIMES IN PULP AND PAPER MILLS.

APPLICATION:

DEARCIDE® 713 is a broad spectrum bacteriostat and algaeicide for the control of bacteria and algae in cooling water; and for the control of bacteria and fungal slimes in pulp and paper mills.

ADVANTAGES:

- . Broad spectrum microorganism control
- . Convenient and economical to use
- . Non-corrosive to metals
- . Will not damage tower wood



DIRECTIONS FOR USE:

Note: Add DEARCIDE 713 separately to the system. Do not mix it with other additives, in order to avoid any possible incompatibilities.

RECIRCULATING WATER COOLING TOWERS Initial Dose When microbiological slimes are evident, apply 12.4 to 18.6 fluid ounces of DEARCIDE 713 per 1,000 gallons (100 ppm to 150 ppm) of water in the system. Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun. Subsequent Dose When microbiological control is evident, apply 6.2 to 12.4 fluid ounces of DEARCIDE 713 per 1,000 gallons (50 ppm to 100 ppm) of water in the system once per week, or as needed to maintain control. Feeding: DEARCIDE 713 should be fed at full strength in the cooling tower basin at a point of maximum water circulation. Tower bleedoff valves should be closed to permit a retention time of 4 hours.

PAPER MILLS Dosage will vary from 3.2 to 4.3 fluid ounces of DEARCIDE 713 per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination. Feeding: DEARCIDE 713 may be drip fed continuously from the drain or fed by suitable chemical pumps such as adjustable proportioning types; variable speed, positive displacement type; or by the reciprocating type. This product should be used in accordance with the following applications including the hydro-pulper, machine wash water, and so forth.

continued...

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