



DEARCIDE® 712

CONTROLS BACTERIA AND ALGAE IN OPEN RECIRCULATING COOLING SYSTEMS;
CONTROLS BACTERIA AND FUNGAL SLIMES IN PULP AND PAPER MILLS.

ACTIVE INGREDIENTS:	
SODIUM PENTACHLOROPHENATE	25.3%
SODIUM TRICHLOROPHENATE	6.8%
SODIUM SALTS OF OTHER CHLOROPHENOLS AND RELATED COMPOUNDS	3.5%
DIPROPYLENE GLYCOL METHYL ETHER	10.0%
INERT INGREDIENTS	54.4%

ACCEPTED

OCT 7 1975

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
UNDER NO. 4643-12

DIRECTIONS FOR USE: NOTE: ADD DEARCIDE® 712 SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID ANY POSSIBLE INCOMPATIBILITIES.

OPEN RECIRCULATING COOLING WATER SYSTEMS: INITIAL DOSE: WHEN MICROBIOLOGICAL SLIMES ARE EVIDENT, APPLY 6.2 TO 18.6 FLUID OUNCES OF DEARCIDE® 712 PER 1000 GALLONS (50 PPM OF THE PRODUCT TO 150 PPM OF THE PRODUCT) 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 9.3 FLUID OUNCES OF DEARCIDE® 712 PER 1000 GALLONS (50 PPM OF THE PRODUCT TO 75 PPM OF THE PRODUCT) OF WATER IN THE SYSTEM ONCE PER WEEK, OR AS NEEDED TO MAINTAIN CONTROL. FEEDING: DEARCIDE® 712 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 5.64 TO 33.9 FLUID OUNCES OF DEARCIDE® 712 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® 712 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 AS EARLY AS POSSIBLE IN THE SYSTEM AT SUCH POINTS INCLUDING THE HYDROPULPER, MACHINE CHEST OR BROKE SYSTEM.

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

CAUSES EYE DAMAGE OR SKIN IRRITATION. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. HARMFUL IF SWALLOWED. DO NOT BREATHE SPRAY MIST. AVOID CONTAMINATION OF FOOD. WATER TREATED WITH DEARCIDE® 712 SHOULD NOT BE USED FOR FOOD PROCESSING, IRRIGATION OR IN THE MANUFACTURE OF PAPER USED FOR FOOD PACKAGING.

THIS PRODUCT IS TOXIC TO FISH. TREATED EFFLUENT SHOULD NOT BE DISCHARGED WHERE IT WILL DRAIN INTO LAKES, STREAMS, PONDS OR PUBLIC WATER. 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.

FIRST AID: IN CASE OF CONTACT IMMEDIATELY FLUSH EYES OR SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. FOR EYES, CALL A PHYSICIAN. 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 CONVULSIONS MAY BE NEEDED.

EPA REG. NO. 4643-12
EPA EST. NO. 4643-IL-1

KEEP FROM FREEZING
KEEP CONTAINER CLOSED WHEN NOT IN USE

d

DEARBORN CHEMICAL DIVISION

CHEMED CORPORATION Lake Zurich, Ill. 60047

DEARCIDE® 712

CONTROLS BACTERIA AND ALGAE IN OPEN RECIRCULATING COOLING SYSTEMS;
CONTROLS BACTERIA AND FUNGAL SLIMES IN PULP AND PAPER MILLS.

ACTIVE INGREDIENTS:

SODIUM PENTACHLOROPHENATE	25.3%
SODIUM TRICHLOROPHENATE	6.8%
SODIUM SALTS OF OTHER CHLOROPHENOLS AND RELATED COMPOUNDS	3.5%
DIPROPYLENE GLYCOL METHYL ETHER	10.0%
INERT INGREDIENTS	54.4%

ACCEPTED

OCT 7 1975

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER-
ED UNDER NO. 4693-12



DIRECTIONS FOR USE: NOTE: ADD DEARCIDE® 712 SEPARATELY TO THE SYSTEM. DO NOT MIX IT WITH OTHER ADDITIVES, IN ORDER TO AVOID ANY POSSIBLE INCOMPATIBILITIES.

FOR OPEN RECIRCULATING COOLING WATER SYSTEMS: INITIAL DOSE: WHEN MICROBIOLOGICAL SLIMES ARE EVIDENT, APPLY 6.2 TO 18.6 FLUID OUNCES OF DEARCIDE® 712 PER 1000 GALLONS (50 PPM OF THE PRODUCT TO 150 PPM OF THE PRODUCT) OF WATER IN THE SYSTEM. REPEAT UNTIL CONTROL IS OBTAINED. BADLY FOULED SYSTEMS SHOULD BE CLEANED BEFORE TREATMENT IS BEGUN. SUBSEQUENT DOSE: WHEN MICROBIOLOGICAL CONTROL IS OBTAINED, APPLY 6.2 TO 9.3 FLUID OUNCES OF DEARCIDE® 712 PER 1000 GALLONS (50 PPM OF THE PRODUCT TO 75 PPM OF THE PRODUCT) OF WATER TO THE SYSTEM ONCE PER WEEK, OR AS NEEDED TO MAINTAIN CONTROL. FEEDING: DEARCIDE® 712 SHOULD BE FED AT FULL STRENGTH IN THE COOLING WATER BASIN AT A POINT OF MAXIMUM WATER CIRCULATION. TOWER BLEEDOFF VALVES SHOULD BE CLOSED TO PERMIT A RETENTION TIME OF 4 HOURS. **FOR PULP AND PAPER MILLS:** DOSAGE WILL VARY FROM 5.64 TO 33.9 FLUID OUNCES OF DEARCIDE® 712 PER TON OF FINISHED PAPER DEPENDING ON THE TYPE OF PAPER, COMPLEXITY OF THE SYSTEM, QUALITY OF RAW WATER, AND TYPE AND DEGREE OF CONTAMINATION. FEEDING: DEARCIDE® 712 MAY BE DRIP FED CONTINUOUSLY FROM THE DRUM OR FED BY SUITABLE CHEMICAL PUMPS SUCH AS ADJUSTABLE PROPORTIONING TYPES; VARIABLE SPEED, POSITIVE DISMOUNT TYPE; OR BY THE RECIPROCATING TYPE. THIS PRODUCT SHOULD BE FED AS EARLY AS POSSIBLE IN THE SYSTEM AT SUCH POINTS INCLUDING HYDROPULPER, MACHINE CHEST OR BROKE SYSTEM.

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

AVOID EYE DAMAGE OR SKIN IRRITATION. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES DURING HANDLING. HARMFUL IF SWALLOWED. DO NOT BREATHE SPRAY MIST. AVOID CONTAMINATION OF FOOD. WATER TREATED WITH DEARCIDE® 712 SHOULD NOT BE USED FOR FOOD PROCESSING, IRRIGATION OR IN THE MANUFACTURE OF PAPER USED FOR FOOD PACKAGING.

THIS PRODUCT IS TOXIC TO FISH. TREATED EFFLUENT SHOULD NOT BE DISCHARGED WHERE IT WILL DRAIN INTO LAKES, STREAMS, PONDS OR PUBLIC WATER. 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.

FIRST AID: IN CASE OF CONTACT IMMEDIATELY FLUSH EYES OR SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. FOR EYES, CALL A PHYSICIAN. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. IF SWALLOWED DRINK PROMPTLY A LARGE QUANTITY OF WATER.