

DEARCIDE® 709

PM 31 4643-16

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Controls bacteria and algae in industrial and commercial recirculating water cooling towers; controls bacteria and fungal slimes in pulp and paper mills; preserves oil-in-water metalworking cutting fluid emulsions and hydraulic oil emulsions; controls growth of bacterial slimes in brewery pasteurizers.

Active Ingredient:

Methylene bis (Thiocyanate) 9.45%
Inert Ingredients 90.55%

EPA Registration No. 4643-16

EPA Est. No. 4643-IL-1

CA Reg. No. 4643-16-AA

DANGER

KEEP OUT OF REACH OF CHILDREN

Precautionary Statements: HAZARDS TO HUMANS AND DOMESTIC ANIMALS. Harmful or fatal if swallowed. Corrosive. Do not get in eyes, on skin, or on clothing. Causes severe skin irritation and eye damage. Wash thoroughly after handling. Avoid breathing vapors.

Statement of Practical Treatment: 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. IN CASE OF CONTACT: Immediately flush eyes or skin with plenty of water for at least 15 minutes. IF IN EYES: Call a physician. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. 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 wastes. Apply this pesticide only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Keep this product away from heat or open flames.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate food or feed by storage, disposal or cleaning of 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 instruction, contact your state pesticide or environmental control agency or the hazardous waste representative at the nearest EPA regional office for guidance.

Container Disposal: METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GRACE Dearborn

W. R. Grace & Co. - Conn., 300 Genesee Street, Lake Zurich, IL 60047-2458

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH THE LABELING.

NOTE: Add DEARCIDE® 709 separately to the system. Do not mix with other additives in order to avoid any possible incompatibilities.

Recirculating Water Cooling Towers: *Initial dose:* When microbiological slimes are evident, apply 6.2 to 12.4 fl ozs of DEARCIDE 709 per 1000 gals (50 ppm to 100 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 3.1 to 6.2 fl ozs of DEARCIDE 709 per 1000 gals (25 ppm to 50 ppm) of water in the system once per week or as needed to maintain control.

Feeding: DEARCIDE 709 should be fed at full strength in the cooling tower basin at a point of maximum water circulation. Tower bleed-off valves should be closed to permit a retention time of 4 hrs. See Product Bulletin 52-709.

Paper Mills: Dosage will vary from 1.6 to 3.2 fl ozs of DEARCIDE 709 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 709 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. DEARCIDE 709 may be used to control slime on machines which can make paper and paperboard for use in food packaging per 21 CFR 176.300.

Metalworking Cutting Fluids: The recommended dosage to preserve oil-in-water metalworking cutting fluid emulsions is 2 fl ozs of DEARCIDE 709 in 100 gals of emulsion. Thoroughly mix the emulsion after addition of the DEARCIDE 709 by stirring or vigorous agitation to insure complete dispersion. The dosage should be repeated every two months or as needed to preserve the cutting fluid emulsion.

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ACCEPTED

NOV 3 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg No. 4643-16

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CA-709X

(708) 438-1800



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Emulsifiable Hydraulic Oils: When treating hydraulic oil emulsions used in hydraulic actuating systems, the recommended dosage is 2 fl ozs of DEARCIDE 709 in 100 gals of oil-in-water emulsions. The emulsion and DEARCIDE 709 should be thoroughly mixed together by stirring or vigorous agitation to insure complete dispersion. Repeat the dosage every two months or as needed to preserve the hydraulic oil emulsion.

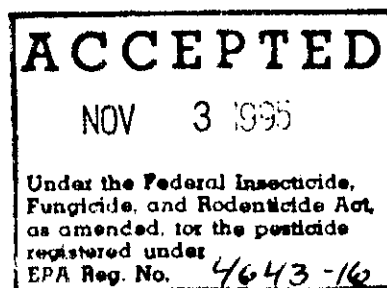
Brewery Pasteurizers: Apply 6.2 to 12.4 fl ozs DEARCIDE 709 per 1000 gals (50 ppm to 100 ppm) of water in each preheat and/or precool compartment to be treated. Add one or more times daily to provide desired control of slime.

NOTICE: Seller warrants that this product conforms to its chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the label directions under normal conditions. This warranty does not extend to, and Buyer assumes all risk for, any and all loss or damage resulting from the use of this product in any manner contrary to label directions or warnings.

THE FOREGOING LIMITED WARRANTY IS EXCLUSIVE AND IS GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. SELLER'S LIABILITY SHALL BE LIMITED TO THE PURCHASE PRICE OF THE PRODUCT. THE REMEDIES OF BUYER FOR ANY BREACH OF WARRANTY SHALL BE LIMITED, IN SELLER'S DISCRETION, TO REPLACEMENT OF NONCONFORMING PRODUCT OR REFUND OF PURCHASE PRICE. IN NO EVENT SHALL SELLER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Net Weight: 350 gal bulk - 2808 lbs
55 gal drum - 441 lbs
30 gal drum - 241 lbs
5 gal pail - 40 lbs

**CORROSIVE LIQUID NOS (CONTAINING
METHYLENE BISTHIOCYANATE) 8, UN 1760, PG II**
IN CASE OF EMERGENCY, TELEPHONE (24 HOURS PER DAY)
1-800-323-7551



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