

ACCEPTED
with COMMENTS
in EPA Label Draft

MAR 19 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, the pesticide
registered under EPA Reg. No.
4643-29

DEARCIDE® 716

Oxidizing microbicide - a bacteriostat and algacide for the control of the growth of bacteria and algae in industrial and commercial recirculating water cooling towers

Active Ingredients
Trichloro S-triazine

25.00%

Inert Ingredients
EPA Reg. No. 4643 29
EPA Est. No. 4643 IL-1

75.00%

NOTE: Active oxygen 2.25% by weight, bulk density 77.04 lbs/cubic foot

DANGER

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

Precautionary Statements: HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS DANGER. Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear goggles or face shield, use rubber gloves, and use only thoroughly clean, dry utensils when handling. Irritating to nose or throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

Statement of Practical Treatment - First Aid: IF SWALLOWED: Drink large quantities of water. Do not induce vomiting. Call a physician. IF ON SKIN: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, call a physician immediately. IF IN EYES: Flush with cold water for at least 15 minutes. Call a physician immediately. IF INHALED: Remove person to fresh air. Get medical attention.

CHEMICAL HAZARDS

DANGER - STRONG OXIDIZING AGENT. Use only clean, dry utensils. Contamination with moisture, dirt, organic matter or other chemicals or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire or explosion. Avoid any contact with burning or burning material such as a lighted cigarette. This product decomposes at 430° - 480°F with liberation of heat and harmful gases. Do not use this product in any chlorinating device which has been used with any inorganic or unstabilized chlorinating compounds (e.g., calcium hypochlorite). Such use may cause fire or explosion.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Do not discharge into lakes, streams, ponds by cleaning of equipment or disposal of wastes. For guidance contact your Regional EPA Office.

STORAGE AND DISPOSAL

Keep product dry in tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat and open flame. Do not contaminate water, food or feed by storage or disposal.

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

Container Disposal: DO NOT REUSE EMPTY CONTAINER. Completely empty pail by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of pail in a sanitary landfill or by incineration if allowed by State and local authorities.

Emergency Handling: In case of contamination or decomposition of product, do not reuse container. If possible, isolate container in open and well ventilated area. Flood with large volumes of water. Dispose of contaminated material in an approved landfill area.

DIRECTIONS FOR USE

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

Cooling Towers: Initial Dose. When microbiological slimes are evident, apply 10 to 20 ozs by weight of DEARCIDE® 716 per 1000 gals of water in the system (17.5 to 35 ppm available chlorine). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.

Subsequent Dose. When microbiological control is evident, apply 5.0 to 10.0 ozs by weight of DEARCIDE® 716 per 1000 gals of water in the system (8.75 to 17.5 ppm available chlorine) once per week, or as needed to maintain control. Feeding DEARCIDE® 716 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. Test the chlorine residual with a test kit and repeat dosages as necessary to obtain at least 1 ppm of available chlorine residual in all parts of the system for a 4 hour period.

NOTICE: Seller warrants that this product conforms to its chemical description on the label and is reasonable. It is for the purposes stated on the label when used in accordance with the label directions or for 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 AFTER ACCEPTANCE BY YOU 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 OR BUYER FOR ANY BREACH OF WARRANTY SHALL BE LIMITED TO SELLER'S REFUND OF PURCHASE PRICE. IN NO EVENT SHALL SELLER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Net Weight: 46 lbs

Part 1 of 2

BEST AVAILABLE COPY
REDUCED 26%

GRACE Dearborn

Dearborn Division W. R. Grace & Co. - Conn., 300 Genesee Street, Lake Zurich, IL 60047 (708) 438-1800



TRICHLOROISOCYANURIC ACID DRY, UN 2468

REDUCED 26%

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 19 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the Pesticide
registered under EPA Reg. No.
4643-29

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MAR 19 1991

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

Attn: S. Morss

Subject: Dearcide 716
EPA Registration No. 4643-29
Your Amendment of December 4, 1990

The above noted amendment involving a redeclaration of active ingredients in the product formulation has been reviewed. Please note the following.

The removal of potassium monopersulfate from the active ingredients is in compliance with the current EPA Label Improvement Program and is acceptable.

The revised Confidential Statement of Formula agrees with the revised label and is acceptable.

The labeling which accompanied this amendment, submitted in connection with registration under the Federal Insecticide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted before you release the product for shipment.

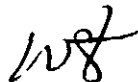
1. Since potassium monopersulfate is being removed from the active ingredients, the statements "Active oxygen 2.25% by weight" and "oxidizing microbicide" must be removed from the label. You may add an "Available chlorine" declaration if you wish.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

2. The "Environmental Hazard" section should appear as follows: "This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams ponds, estuaries, oceans, or public waters unless this product is specifically addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA."

If you should have any questions concerning this letter, you may call Robert Travaglini on (703) 557-6909.

Sincerely,



Walter C. Francis
Product Manger (32)
Antimicrobial Program Branch
Registration Division (H7504C)

PM 32 4643-29

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DEARCIDE® 716

Oxidizing microbicide - a bacteriostat and algacide for the control of the growth of bacteria and algae in industrial and commercial recirculating water cooling towers

Active Ingredients: Trichloro s-triazine 25.00%

Inert Ingredients 75.00%
EPA Reg. No. 4643-29
EPA Est. No. 4643 IL 1
NOTE: Active oxygen 2.25% by weight, bulk density 77.04 lbs/cubic foot

DANGER

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

Precautionary Statements: HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS. DANGER. Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear goggles or face shield, use rubber gloves, and use only thoroughly clean, dry utensils when handling. Irritating to nose or throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

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

Container Disposal: DO NOT REUSE EMPTY CONTAINER. Completely empty pail by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of pail in a sanitary landfill or by incineration if allowed by State and local authorities.

Emergency Handling: In case of product, do not reseal container. Flood with well ventilated area. Flood with contaminated material in an appropriate container.

DIRECTIONS FOR USE

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

Cooling Towers: Initial Dose: 10 to 20 ozs by weight of DEARCIDE 716 (17.5 to 35 ppm available chlorine). Subsequent Dose: When microbicides are by weight of DEARCIDE 716 (17.5 ppm available chlorine) and feeding. DEARCIDE 716 should be at a point of maximum water circulation to permit a retention time of 4 hours. Repeat dosages if necessary to clear residual in all parts of the system.

NOTICE: Seller warrants that this product is reasonably fit for the purposes labeled directions under normal conditions. Seller assumes all risk for any and all loss or damage contrary to label directions or the foregoing LIMITED WARRANTY OF ANY AND ALL OTHER WARRANTIES WITHOUT LIMITATION. THE IMPLIED WARRANTY OF FITNESS FOR SALE SHALL BE LIMITED TO THE PURCHASE PRICE. IN NO EVENT SHALL SELLER BE LIABLE FOR ANY BREACH OF WARRANTY OR REPLACEMENT OF MONEY OR CONSEQUENTIAL DAMAGES.

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