

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container. Pesticide or fumigant that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) all containers and, for metal containers, offer for recycling or reconditioning (for plastic containers dispose in a landfill approved for pesticide containers or bury in a safe place). Consult Federal, State or Local disposal authorities for approved alternative procedures.

DIRECTIONS FOR USE

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

METALWORKING FLUIDS: DEARCIDE 702 is recommended for the control of bacteria and fungi in soluble and emulsifiable-type aqueous metalworking fluids, such as emulsified petroleum oils and formulations containing alcoholic fatty acid, sulfonated red oil, or naphthalene sulfonate. These fluids are usually prepared by diluting the product concentrates 1:40 to 1:60 with water. For the maintenance of a nonfouled system, use DEARCIDE 702 at 32 fluid ounces per 1000 gallons of emulsion (2 lbs) every 4 weeks or 32-154 fluid ounces per 1000 gallons emulsion (2-10 lbs) every 8-12 weeks. For a noticeably fouled system use an initial dose of 64-154 fluid ounces per 1000 gallons emulsion (4-10 lbs) to be followed by subsequent maintenance dosages depending upon the frequency of treatment may be required depending upon rate of dilution of the preservative with make-up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be spent into the use-dilution of the metalworking fluid using a metering pump.

PHOTOPROCESSING SYSTEMS: Start with a clean system. WATER RECYCLING: Use 2 1/2 to 4 1/2 lbs (37 to 64 fl. oz.) DEARCIDE 702 per 1000 gals capacity of water in the system. Add to final rinse or used water collection tank by slug dose once weekly or as needed. ONCE-THROUGH: Use 26 lbs (3 gals.) DEARCIDE 702 per 1000 gals. capacity of water in the system, single application start-up dosage added to the wash tanks. Thereafter, add DEARCIDE 702 each operating day for one hour using a chemical proportioning pump at a dosage of 2 to 3 lbs per hour (12 to 48 fl. oz.) to wash tanks. Increase to two hours per day if needed. The user is advised that he must maintain a level of discharge into the public owned treatment works which is in compliance with the recommended guidelines for the photolithography processing industry. Contact your Regional EPA Office for guidance.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS: INITIAL DOSE: When the system is noticeably fouled apply 2 1/2 to 7 1/2 lbs (37 to 113 fluid ounces) of DEARCIDE 702 per 1000 gallons of water in the system. Repeat until control is achieved. **SUBSEQUENT DOSE:** When microbial control is evident, add 1 1/2 to 1 1/2 lbs (19 to 28 fluid ounces) of DEARCIDE 702 per 1000 gal. of water in the system weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun. DEARCIDE 702 weighs 8.4 lbs per gallon.

PAPER MILLS: For the control of bacterial and fungal slime in the production of paper, DEARCIDE 702 should be added to a point in the system to ensure uniform mixing such as the Beater, Hydropulper or Fan on Pulp Storage Pumps. **DOSAGE:** Apply 0.44 to 1.5 lbs (7 to 23 fl. oz.) of DEARCIDE 702 per ton (dry tons) of pulp or paper produced as a slug dose. If needed, repeat daily. Badly fouled systems should be cleaned before initial treatment.

DEARCIDE® 702

CONTROLS BACTERIA, ALGAE AND FUNGI IN INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND AIR WASHER SYSTEMS; BACTERIA AND FUNGI IN METALWORKING FLUIDS AND PHOTOPROCESSING SYSTEMS; AND BACTERIAL AND FUNGAL SLIME IN THE PRODUCTION OF PAPER AND IN BREWERY PASTEURIZERS

Active Ingredients:
5-Chloro-2-methyl-4-isothiazolin-3-one 1.15%
2-Methyl-4-isothiazolin-3-one 0.35%
Inert Ingredients: 98.50%

EPA Reg. No. 6641-60
EPA Est. No. 144711-1
Net Weight: 455 lb. (57 gal drum)
28 lbs. (3.5 gal pail)
41 lbs. (5 gal pail)

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. Do not discharge treated effluent into lakes, streams, ponds or public waters unless in accordance with NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency. Do not contaminate water by cleaning of equipment or disposal of waste.

DIRECTIONS FOR USE (Continued)

AIR WASH SYSTEMS: Add to the air washer sump or chill water sump to insure uniform mixing 35 to 853 ppm DEARCIDE 702 (0.3 to 7.46 lbs. or 4.5 to 113 fluid ounces of DEARCIDE 702 per 1000 gallons of water in the system) depending upon the severity of contamination to control bacteria, fungi and algae which causes fouling in industrial air washer systems. **INTERMITTENT OR SLUG INITIAL DOSE:** When the system is noticeably fouled, apply 147 to 853 ppm DEARCIDE 702 (18 to 7.46 pounds or 19 to 113 fluid ounces of DEARCIDE 702 per 1000 gallons of water in the system). Repeat until control is achieved. **SUBSEQUENT DOSE:** When microbial control is evident, add 18 to 219 ppm DEARCIDE 702 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of DEARCIDE 702 per 1000 gallons of water in the system). **BREWERY PASTEURIZERS:** Apply 9.3 to 15.5 fluid ounces DEARCIDE 702 per 1000 gallons (75 ppm to 125 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. **NOTE:** For use only in industrial air washing systems that maintain effective fluid circulating components.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to the instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. 7-02-4-23

UNITED STATES DIVISION

DEARBORN CHEMICAL COMPANY

Subsidiary of W.R. GRACE & CO.

340 GENLSEE STREET • LAKE ZURICH, ILLINOIS 60047 • TELEPHONE 312-527-5700

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CORROSIVE. CAUSES EYE DAMAGE AND SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF INHALED. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. AVOID BREATHING VAPOR OR MIST. AVOID CONTAMINATION OF FOOD. DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING.

STATEMENT OF PRACTICAL TREATMENT FIRST AID

IF SWALLOWED: Do not induce vomiting. 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.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen and call a physician.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

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

WATER TREATMENT COMPOUND, LIQUID CORROSIVE MATERIAL NA1760
ARC 100000

4643-40

16 Nov 1982

Dearborn Chemical (U.S.)
Chemed Corporation
300 Ganesea Street
Lake Zurich, IL 60047

Gentlemen:

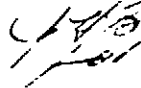
Subject: Dearcide 702
EPA Registration No. 4643-40
Your Submission Dated September 9, 1982

The amendment referred to above, submitted in accordance with FIFRA sec. 3(c)(7)(B), is acceptable provided that you submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(a). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

TS-767C:LEE:DCR-03523:WANG-0933C:lra:Raven:479-2013:11/1/82