

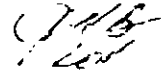
-2-

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

4. This amendment was processed under the total permission method as authorized by your supplier Rohm and Haas (letter dated September 28, 1983). The submitted matrix is not required for this method and therefore will not be reviewed to determine validity and/or acceptability. The matrix is only required for the owners submission method. Please note this for your records.

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

DCR-32426;Lee:11/3/83:del.11/13/83:CBI-01:tar

Precautionary Statements
Hazards to Humans and Domestic Animals.
KEEP OUT OF REACH OF CHILDREN.

DANGER **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, or 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds or public waters unless in accordance with NPDES permit. For guidance contact your Regional Office of the EPA.

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal.
- Open dumping is prohibited.
- Do not reuse container.

Pesticide Disposal: Pesticide or rinsate 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.

Container Disposal: 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 its labeling.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

Initial Dose: When the system is noticeably fouled apply 2.46 to 7.46 lbs. (37 to 113 fluid ounces) of DuCIDE 20 Bactericide Fungicide per 1000 gallons of water in the system. Repeat until control is achieved. For the control of bacteria and fungi add DuCIDE 20 Bactericide Fungicide to the tower basin, distribution box or some other point to insure uniform mixing.

Subsequent Dose: When microbial control is evident, add 1.26 to 1.86 lbs. (19 to 28 fluid ounces) of DuCIDE 20 Bactericide Fungicide 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. DuCIDE 20 Bactericide Fungicide weighs 8.4 lbs. per gallon.

PRODUCT No. 01557

DuCIDE 20

BACTERIOCIDE FUNGICIDE

Controls Bacteria, Algae and Fungi in Industrial Recirculating Water Cooling Towers and Air Washer Systems and Bacteria and Fungi in Metalworking Fluids.

Active Ingredients:

5-Chlor-2-methyl-4-isothiazolin-3-one
2-Methyl-4-isothiazolin-3-one

Inert Ingredients

1.15%
0.35%
98.50%
100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

Statement of Practical Treatment

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.

See Left Panel for Additional Precautionary Statements.

EPA Registration No. 5736-72-AA • EPA Est. No. 5736-0H-1
Net Contents Shown Elsewhere On Container

NOTE: For use only in industrial air washing systems that maintain effective mist eliminating components.

AIR WASHER SYSTEMS

Add to the air washer sump or clean water sump to insure uniform mixing 35 to 883 ppm (0.3 to 7.46 lbs. or 4.5 to 113 fluid ounces per 1000 gallons of water in the system) depending upon the severity of contamination to control bacterial, fungal and algae which cause fouling in industrial air washer systems.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, apply 148 to 883 ppm (1.26 to 7.46 lbs. or 19 to 113 fluid ounces per 1000 gallons of water in the system). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 35 to 219 ppm (0.3 to 1.86 lbs. or 4.5 to 28 fluid ounces per 1000 gallons of water) weekly or as needed to maintain control.

CONTINUOUS FEED METHOD

Initial Dose: When the system is just noticeably fouled, apply 148 to 883 ppm (1.26 to 7.46 lbs. or 19 to 113 fluid ounces per 1000 gallons of water in the system).

Subsequent Dose: Maintain this treatment level by adding a continuous feed of 35 to 219 ppm (0.3 to 1.86 lbs. or 4.5 to 28 fluid ounces per 1000 gallons of makeup water).

Badly fouled systems must be cleaned before initial treatment.

METALWORKING FLUIDS

DuCIDE 20 Bactericide Fungicide 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 phosphate esters and sulfonated esters, or each may be suitable. These fluids are usually prepared by diluting the product (concentrates) 1:10 to 1:60 with water.

For the maintenance of a controlled system, use DuCIDE 20 Bactericide Fungicide at 32 fluid ounces per 1000 gallons of emulsion (2 lbs. every 4 weeks or 32.154 fluid ounces per 1000 gallons of emulsion (2.10 lbs. every 8-12 weeks). For a noticeably fouled system, use a dose of 64.154 fluid ounces per gallon of emulsion (4.10 lbs. per gallon). Subsequent maintenance dosages depending upon the treatment interval noted above. A higher dosage range and/or more frequent frequency of treatment may be required depending upon the nature and severity of the contamination, the nature and quantity of contamination, level of control required, treatment effectiveness, system design, etc. The preservative should be dispensed continuously into the metalworking fluid using a metering pump.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label and in accordance with directions under normal conditions of use, but the merchant's warranty, not any other warranty, of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable by a prudent buyer assuming the risk of any such use.



DuBOIS CHEMICALS, A DIVISION OF CHEMED CORPORATION

CONTACT YOUR DuBOIS REPRESENTATIVE FOR ADDITIONAL USE DIRECTIONS AND MATERIAL SAFETY DATA SHEET.

— SOLELY FOR INDUSTRIAL USE • ONLY FOR SALE TO, USE & STORAGE BY

557

DuBOL 20 FUNGICIDE

Use in Industrial
Washers and Air Washer
Metalworking Fluids.

1.15%
0.35%
98.50%
100.00%

CHILDREN

Treatment

If a large quantity of milk/egg
drink large quantities of water

Nothing, apply artificial respira-
tion physician

Remove and wash contaminated

minutes. Call a physician
may contraindicate the use of
respiratory depression and con-

Warnings

Do not use in
containers

Systems that maintain effective

AIR WASHER SYSTEMS

Add to the air washer supply water. Add 1.15% DuBOL 20 Fungicide to the water supply. This will maintain 35 to 883 ppm (0.3 to 7.46 lbs. or 4.5 to 113 fluid ounces) per 1000 gallons of water in the system. Repeat treatment as necessary to control bacterial and fungal contamination in industrial air washer systems.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, apply 1.15% DuBOL 20 Fungicide to the water supply. This will maintain 35 to 883 ppm (0.3 to 7.46 lbs. or 4.5 to 113 fluid ounces) per 1000 gallons of water in the system. Repeat treatment as necessary.

Subsequent Dose: When microbial control is evident, add 0.35% DuBOL 20 Fungicide to the water supply. This will maintain 11.3 to 219 ppm (0.3 to 1.86 lbs. or 4.5 to 28 fluid ounces) per 1000 gallons of water weekly or as needed to maintain control.

CONTINUOUS FEED METHOD

Initial Dose: When the system is just noticeably fouled, apply 1.15% DuBOL 20 Fungicide to the water supply. This will maintain 35 to 883 ppm (0.3 to 7.46 lbs. or 4.5 to 113 fluid ounces) per 1000 gallons of water in the system.

Subsequent Dose: Maintain this treatment level by adding a continuous feed of 35 to 219 ppm (0.3 to 1.86 lbs. or 4.5 to 28 fluid ounces) per 1000 gallons of makeup water.

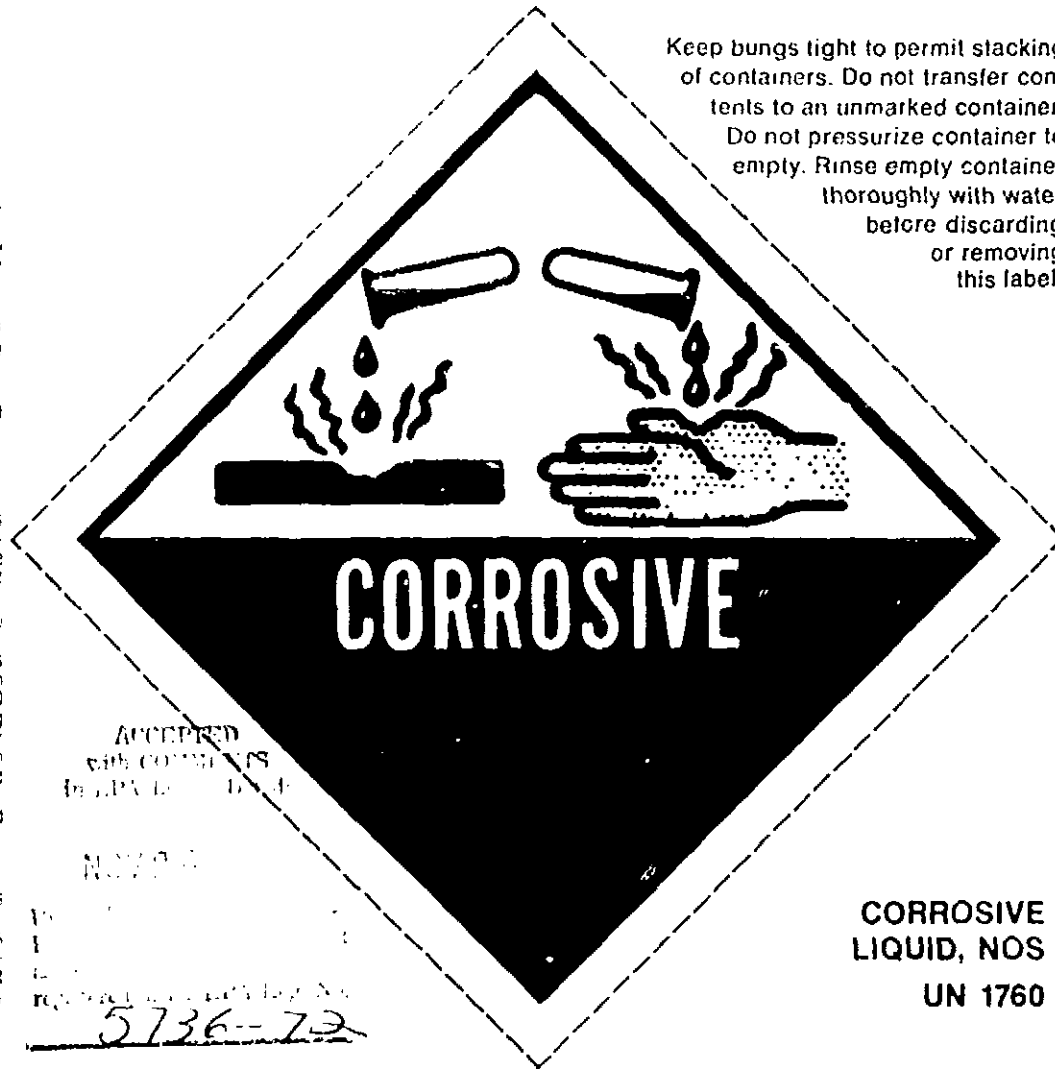
Badly fouled systems must be cleaned before initial treatment.

METALWORKING FLUIDS

DuBOL 20 Bactericide/Fungicide is recommended for the control of bacteria and fungi in soluble and emulsifiable, aqueous metalworking fluids, such as emulsified petroleum oils and formulations containing alcohol, fatty acid, sulfonated 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 non-fouled system, use DuBOL 20 Bactericide/Fungicide at 32 fluid ounces per 1000 gallons of emulsion (2 lbs.) every 4 weeks or 32-154 fluid ounces per 1000 gallons of emulsion (2-10 lbs.) every 8-12 weeks. For a noticeably fouled system, use an initial dose of 64-154 fluid ounces per gallon of emulsion (4-10 lbs.) to be followed by subsequent maintenance dosages, depending upon the treatment interval noted above. A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use dilution of the metalworking fluid using a metering pump.

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 or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use.



Keep bungs tight to permit stacking
of containers. Do not transfer con-
tents to an unmarked container.
Do not pressurize container to
empty. Rinse empty container
thoroughly with water
before discarding
or removing
this label.

CORROSIVE
LIQUID, NOS
UN 1760

— SOLELY FOR INDUSTRIAL USE • ONLY FOR SALE TO, USE & STORAGE BY SERVICE PERSONS —

DIVISION OF CHEMED CORPORATION • CINCINNATI, OHIO 45202 • U.S.A.

FACT YOUR DuBOL REPRESENTATIVE FOR ADDITIONAL USE DIRECTIONS AND MATERIAL SAFETY DATA SHEET

7 8 11 1983

Dubois Chemicals
A Div. of Chasco Corp
5th and Walnut Street
Cincinnati, OH 45202

Attention: W.J. Corbett Administrator
Regulatory Compliance

Gentlemen:

Subject: Duicide 20 Bactericide Fungicide
EPA Registration No. 5736-72
Your Application Dated October 19, 1983

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A) is acceptable provided that you:

1. 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.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Delete the statement:
"Contact your Dubois Representative for additional use directions."
Note that additional use directions can't be recommended unless they have been submitted, reviewed and accepted (stamped) by EPA.
 - b. Refer to our letter of July 14, 1982 regarding the recommendation that this product is a microbiocide not a Bactericide/Fungicide and revise accordingly.
 - c. Delete "bury in a safe place" (two locations - left panel)
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

EPA Form 1320 (4-81) OFFICIAL FILE COPY