

WATER
MANAGEMENT
CHEMICALS
HERCULES 5211
MICROBIOCIDAL COMPOUND
Cooling Water Treatment

12 PT → KEEP OUT OF REACH OF CHILDREN
18 PT → **DANGER**
SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENTS	
Dihydroxyethyl amine acetate	12.6%
Sodium hydroxyethyl amine acetate	1.6%
Water	
Dihydroxyethyl amine acetate	6.6%
Tetrahydroxyethyl amine acetate	6.6%
GLUCOSE	
NET INGREDIENTS	27.4%

EPA REG NO. 00541-TK01
EPA REG NO. 891-127

HANUFACTURED BY
HERCULES INCORPORATED
WILMINGTON, DELAWARE, 19714 USA

GROSS WT
NET WT
GAL

ACCEPTED
with COMMENTS
by EPA on 5/25/84

MAY 25 1984

This product is a pesticide.
It is registered under EPA Reg. No. 891-127.

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER (18 Pt)

KEEP OUT OF REACH OF CHILDREN

Corrosive - causes severe skin and eye damage. Avoid contact. Wear goggles and protective gloves when handling.

ENVIRONMENTAL HAZARDS

Treated effluent waters may be harmful to and other aquatic life. Do not discharge lakes, streams, and public ponds unless in accordance with an NPDES permit. Do not contaminate water by cleaning of equipment disposal of waste. Do not apply to water guidance, consult your Regional Office of EPA.

STATEMENT OF PRACTICAL TREATMENT

Skin In case of contact, wash thoroughly with soap and water. Get medical attention if irritation persists.

Eyes Flush with water for at least 15 minutes, and get medical attention.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Keep away from heat and open flame.

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ACTIVE INGREDIENTS	
Dihydroxyethyl amine acetate	12.6%
Seco-hydroxy ethyl amine acetate	1.6%
acetate	
Dihydroxyethyl amine acetate	6.6%
Tetrahydroxyethyl amine acetate	6.6%
acetate	
INERT INGREDIENTS	72.6%

MANUFACTURED BY
HERCULES INCORPORATED
WILMINGTON, DELAWARE, 19814 USA

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 25 1984

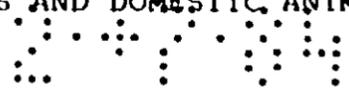
Under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act, this product has been found to meet the requirements for registration under EPA Reg. No. 891-127

BEST DOCUMENT AVAILABLE



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS



DANGER (18 Pt)

KEEP OUT OF REACH OF CHILDREN

Corrosive - causes severe skin and eye damage. Avoid contact. Wear goggles and protective gloves when handling.

ENVIRONMENTAL HAZARDS

Treated effluent waters may be harmful to fish and other aquatic life. Do not discharge into lakes, streams, and public ponds unless in accordance with an NPDES permit. Do not contaminate water by cleaning of equipment or disposal of waste. Do not apply to water. For guidance, consult your Regional Office of the EPA.

STATEMENT OF PRACTICAL TREATMENT

Skin In case of contact, wash thoroughly with soap and water. Get medical attention if irritation persists.

Eyes Flush with water for at least 15 minutes, and get medical attention.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Keep away from heat and open flame.

891-12

811-10



STORAGE AND DISPOSAL (12 Pt)

In case of spills, add absorbent such as sawdust and sweep up and place in metal closed drums for disposal. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Microbiocide which cannot be used according to label instructions must be disposed of following applicable Federal, state, or local procedures under subtitle C of the Resource Conservation and Recovery Act.

Triple rinse container and offer for recycling or reconditioning. Consult Federal, state, or local authorities for approved alternative methods. Puncture and dispose of in an approved landfill or by other approved state and local procedures.

DIRECTIONS FOR USE (12 Pt)

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL CLASSIFICATION

Intermittant or Slug Method

For use in industrial and/or commercial recirculating cooling water tower systems for control of algae. Add 1 pint (1.0525 lbs.) of this product per 1000 gallons (125 ppm) of contained water at a point where it can be uniformly mixed as often as required by visual inspection, generally once per week in summer, less frequently in winter.

WARRANTY:

1. The manufacturer guarantees and warrants (a) that the active ingredient content and the total net weight are as stated within lawful limits and (b) that the directions, warnings, and other statements on this label are based upon responsible experts evaluation of reasonable tests of effectiveness and of toxicity to laboratory animals.

2. The manufacturer further warrants that the material herein is reasonably fit for use under normal conditions as directed hereon. The manufacturer DOES NOT MAKE AND DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES OF FITNESS OR OF MERCHANTABILITY, GUARANTEE, OR REPRESENTATION, EXPRESS OR IMPLIED CONCERNING THIS MATERIAL. This product is sold only on the basis that buyer assumes all risks of use, handling, or storage which result in loss or damage and which are beyond manufacturer's control. No claim of any kind, and whether or not based on negligence, shall be greater in amount than the purchase price of the material in respect of which such claim is made. In no event shall manufacturer or seller be liable for special, indirect, or consequential damages resulting from the use, handling, or storage of this material.

3. No modification of this warranty and disclaimer is authorized, except by specific reference to them in writing by an authorized employee of the manufacturer.

25 MAY 1984

Hercules Incorporated
Hercules Plaza
Wilmington, DE 19874

Attention: Shirley Keahy
Regulatory Specialist

Gentlemen:

Subject: Hercules 5211
EPA Registration No. 891-127
Your Submission dated May 7, 1984

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Revise the statement: "Avoid contact"
to read:
Do not get in eyes, on skin or on clothing.
 - b. Add the following statements to the precautionary labeling section:
Harmful if swallowed. Wash thoroughly ~~after~~ handling.
 - c. Under the heading statement of Practical Treatment, a statement should be added to address ingestion of the chemical.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.
3. We have adjusted our records accordingly (product name change).

Old: Hercules Microbiological Compound MB111
New: Hercules 5211

291-127

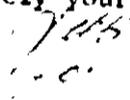
-2-

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Note: for your records that you are expected to upgrade the labeling on the 500 product in a similar manner.

Sincerely yours,



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

Enclosures

RD/FHB:DCR-44250:J.Lee:GG:Raven:557-2226:RD-12:5/21/84:Del.6/3/84