

WARNING!

May cause skin irritation
May be fatal if swallowed
Avoid breathing spray mist
Keep away from heat and
open flame
Keep container closed

Do not get on skin, in eyes, or on clothing. In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If irritation persists get medical attention. In case of contact with eyes, immediately flush with water and get medical attention. Wash contaminated clothing before reuse.

Do not reuse empty container. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label or the product bulletin.

STORE ABOVE 32°F

6264-240

HD-1339 MICROBIOCID



SUBSIDIARY OF MERCK & CO., INC.

HD-1339

MICROBIOCID AND DEPOSIT INHIBITOR

FOR CONTROL OF BACTERIAL GROWTH IN RECIRCULATING COOLING WATER SYSTEMS

WARNING: KEEP OUT OF REACH OF CHILDREN
See panel at left for additional warnings.

Contents 30 Gallons

ACCEPTED

JUN 3 1984

UNDER THE FEDERAL
FOUNDRY AND ROBE
FOR ECONOMIC PROBO
SD UNDER SA 104

CALGON CORPORATION

CALGON CENTER • PITTSBURGH, PA. 15230



SUBSIDIARY OF MERCK & CO., INC.

62641

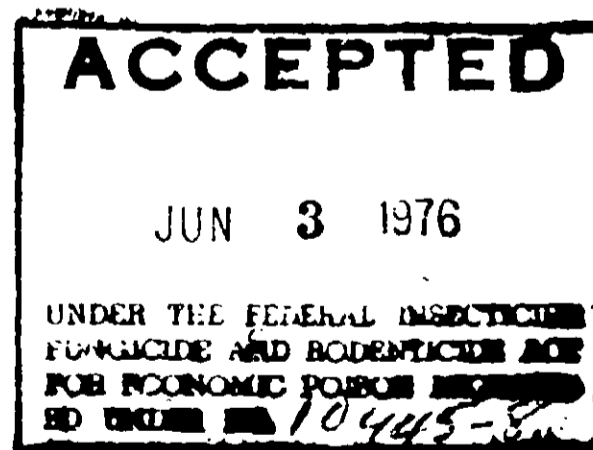
HD-1339

MICROBIOCIDAL AND DEPOSIT INHIBITOR

FOR CONTROL OF BACTERIAL GROWTH IN RECIRCULATING COOLING WATER SYSTEMS

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Contents 30 Gallons



DIRECTIONS FOR USE

The initial dosage of HD-1339 should be in the range of 250 to 1000 ppm of product (32 to 128 fluid ounces per 1000 gallons of water). The subsequent dosage should be in the range of 100 to 400 ppm of product (13 to 52 fluid ounces per 1000 gallons of water). For normal usage, the system can be dosed once or twice each week or as needed in the lower limits (100 to 400 ppm of product) of the dosage range. For severe biological problems, slug feeding within the higher limits (250 to 1000 ppm of product) may be required. Do not overfeed. The product should be applied to either the suction side of the recirculating pump in the sump area or the return line to the tower.

Badly fouled systems should be cleaned prior to treatment.

Active Ingredients:

n-Dodecylguanidine hydrochloride 5.25%
Isopropanol 9.90%

Inert Ingredients: 84.85%

Softened Water, Dimethyl Diallyl Ammonium Chloride Polymer.

EPA Registration No. 10445-8

E.P.A. Establishment No. 10445-PA-1

Made in U.S.A.

CALGON CORPORATION
CALGON CENTER • PITTSBURGH, PA. 15230

HD-1339
MICROBIOCIDAL

HP-1339
MAY 11, 1976

HP-1339 MIF-113-11

A clear, colorless liquid suitable for use in Industrial Recirculating Cooling Water Systems.

- *Inhibits the growth of bacterial slime on screens and condenser tubes.
- *Requires a clean system for longer process runs.
- *Can be fed from the container and requires no preparation.
- *Non-oxidizing and non-volatile -- will not damage cooling tower wood.
- *Non-corrosive to metals in the system at use concentrations.

Handling:

Highly fouled systems should be cleaned prior to treatment. Heavy deposits should be removed using a high pressure water jet or scrubbing or by an application of calcium chloride deposit inhibitor.

The initial dosage of HP-1339 should be in the range of 250 to 1000 ppm of product (12 to 128 fluid ounces per 1000 gallons of water). The subsequent dosage should be in the range of 100 to 400 ppm of product (13 to 52 fluid ounces per 1000 gallons of water). For normal usage, the system can be dosed once or twice each week or as needed in the lower limits (100 to 400 ppm of product) of the dosage range. For severe biological problems, slug feeding within the higher limits (250 to 1000 ppm of product) may be required. Do not overdose. The product should be applied to either the suction side of the recirculating pump in the sump area or the return line to the tower.

Storage:

Consult local health representatives for technical assistance concerning specific water quality situations.

Preparation:

HP-1339 is a stable, water-soluble liquid. Keep container tightly closed. Store in cool, dry place. Product is not harmed by freezing. Thaw before using.

HP-1339
The following information is for your information only.
Do not use for drinking water.

Preparation:

HP-1339 is a stable, water-soluble liquid. Keep container tightly closed.

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HP-1339 is a stable, water-soluble liquid. Keep container tightly closed.

Handling:

WARNING: May be fatal if swallowed. Keep away from heat and open flame. Avoid breathing spray mist. May cause skin irritation. Do not get in eyes, on skin or clothing. In case of contact with eyes, immediately flush with water and get medical attention. In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If irritation persists, get medical attention. Wash contaminated clothing before reuse. This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label or the product bulletin. Do not reuse empty container. Destroy by perforating or crushing and bury in a safe place. Keep out of reach of children.

