



SUBSIDIARY OF MERCK & CO., INC

WARNING

**May be fatal if swallowed
May be absorbed through skin
Causes skin and eye irritation**

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 re-use.

Do not mix HD-1069 with other chemicals, particularly oxidizing agents such as chlorine, since such mixtures can form potentially explosive compounds.

Do not reuse container. Destroy by perforating or crushing and burying in a safe place.

This product is toxic to fish. Do not discharge effluent from water systems into lakes, streams or ponds.

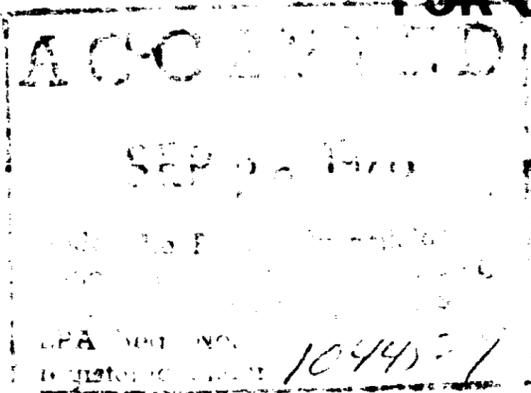
Apply this product only as specified in the bulletin.

HD-1069 MICROBIOCID

**FOR CONTROL OF BACTERIA IN RECIRCULATING
COOLING WATER SYSTEMS**

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

Contents 30 Gallons



6265-245

**HD-1069
MICROBIOCID**

**CALGON CORPORATION
CALGON CENTER • PITTSBURGH, PA. 15230**

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SUBSIDIARY OF MERCK & CO., INC.

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DIRECTIONS FOR USE

The initial dosage of HD-1069 should be in the range of 200 to 400 ppm of product (26 to 51 fluid ounces per 1000 gallons of water). The subsequent dosage should be in the range of 52 to 152 ppm of product (7 to 19 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 (52 to 152 ppm of product) of the dosage range. For severe biological problems, slug feeding within the higher limits (200 to 400 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.

Active Ingredients:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) Dimethyl Benzyl Ammonium Chlorides 10%

Inert Ingredients:

Water, Isopropanol, Color 90%

EPA Registration No. 10445-9

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

Made in U.S.A.

HD-1069

MICROBIOCIDES

FOR CONTROL OF BACTERIA IN RECIRCULATING COOLING WATER SYSTEMS

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Contents 30 Gallons

CALGON CORPORATION
CALGON CENTER • PITTSBURGH, PA. 15230

HD-1069
MICROBIOCIDES

11-1192
April 7, 1976

HD-1069 MICROBIOCIDE

A clear, red liquid Microbiocide for use in Industrial Recirculating Water Systems.

- *Inhibits the growth of bacterial slime on screens and condenser tubes.
- *Promotes 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.

Feeding

Badly fouled systems should be cleaned prior to treatment. Heavy deposits should be removed by high pressure water jets, scrubbing or by an application of Calgon CL-36 Deposit Inhibitor.

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Consult a local Calgon representative for assistance concerning specific water system problems.

Service

Regular service calls including adjustment in dosage will be made by a Calgon representative.

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HD-1069 Microbiocide
April 7, 1976 - Page Two

Storage

HD-1069 is stable indefinitely. Keep container tightly closed. Store in cool, dry place. Product not harmed by freezing. before using.

Packaging

HD-1069 is available in convenient 5- and 30-gallon containers.

Freight Classification

Disinfectants, other than medicinal and other toilet preparations.

Handling

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