



WARNING

May Be Fatal Or Harmful If Swallowed.

May Cause Skin Irritation.

Avoid Breathing Spray.

Do Not Use, Pour, Spill Or Store

Near Heat Or Open Flame.

Do Not Use This Product For

Humidifying Air Systems.

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. In case of contact with eyes, immediately flush with water and get medical attention. Wash contaminated clothing before re-use.

Do not reuse empty drum. 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. Apply this product only as specified on this label.

STORE ABOVE 32°F.

8894

**H-129
MICROBIOCID**

CALGON CORPORATION
CALGON CENTER • PITTSBURGH, PA.

**H
MIC**

H-129 MICROBIOCID

**FOR CONTROL OF THE GROWTH OF BACTERIA. FOR USE
IN INDUSTRIAL RECIRCULATING WATER COOLING TOWERS**

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

SEE H

Active

Dehy

Seco

Dihyd

Tetra

Dehy

Isopro

Inert



REGISTERED TRADEMARK OF MERCK & CO., INC.

61-230

H-129 MICROBIOCIDAL

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NET CONTENTS 5 GALLONS

DIRECTIONS FOR USE
SEE H-129 MICROBIOCIDAL CHEMICAL
PRODUCT BULLETIN 11-56

Active Ingredients:

Dehydroabietylamine Acetate.....	6.9%
Secondary Amine Acetate.....	0.9%
Dihydroabietylamine Acetate.....	3.6%
Tetrahydroabietylamine Acetate....	3.6%
Dehydroabietylamine.....	11.0%
	26.0%
Isopropanol.....	11.9%
Inert Ingredients.....	62.1%

EPA Registration No. 10445-1

Made in U.S.A.

**H-129
MICROBIOCIDAL**

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**H-129
MICROBIOCIDAL**



H-129 MICROBIOCIDES

For Industrial Recirculating Cooling Water Systems

CHEMICAL PRODUCT BULLETIN

ACCEPTED

11/29/72

description

H-129 Microbicide is a straw-colored liquid organic material based on primary amines.

purpose

H-129 Microbicide aids in controlling the growth of bacteria in industrial recirculating water cooling towers.

advantages

- Non-oxidizing, will not attack cooling tower wood at use concentrations.
- Non-corrosive to metals in the cooling system at use concentrations.
- Compatible with other treatments at use concentrations.
- Essentially non-foaming at use concentrations.

feed requirements

Dosage will vary depending on the severity of the biological growth. The product should be added to the system on an "as needed" basis. Intermittent treatment requires 35 to 100 ppm of product. Slug feed at a rate of 4.6 to 13 fluid ounces per thousand gallons of system water volume. Badly fouled systems must be cleaned before treatment is begun.

method of feeding

H-129 Microbicide should be fed as received, and not diluted with water or mixed with any other chemical feed solution.

specifications

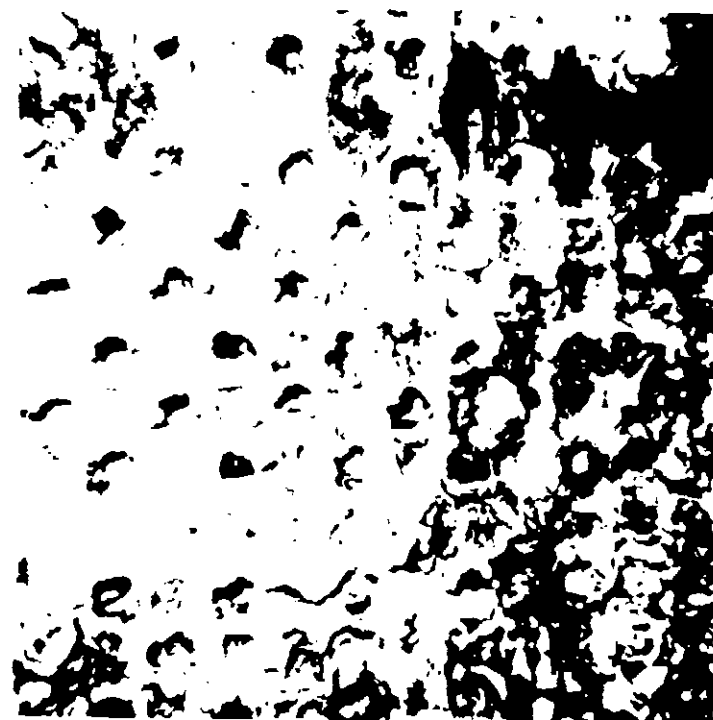
appearance	straw-colored
specific gravity	1.098
weight per gallon	8.18 lbs.
flash point °F	91 °F
pH of concentrate	7.6-7.9
pH of 1% solution	7.3

WARNING

May be fatal or severely disfiguring. May cause irritation. Do not use, pour, spill or store near heat or open flame. Do not use this product for fumigating or systems. Avoid breathing spray mist. Do not get on skin, in eyes or on clothing. In case of contact, remove contaminated clothing, and immediately wash skin thoroughly with soap and water. 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 originator or agent or destroy in accordance with local, state and federal regulations.

This product is toxic to fish. Do not effluent should not be discharged where it will enter into lakes, streams, ponds, or public water. Application rate specified on the label.



Failure to protect cooling water systems can allow heavy bacterial growth and result in severe accumulations of slime. Chemicals include restrictors, fouling agents, and other contaminants, and treatment is required.



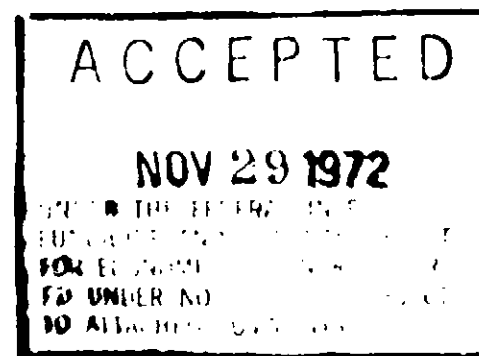
Bacterial growth in cooling water systems can result in severe accumulations of slime. Chemicals include restrictors, fouling agents, and other contaminants, and treatment is required.

handling and storage

H-129 Microbiocide is stable at room temperature. A slight haziness occurs at temperatures below 41 °F. Warming will return it to original condition with biocidal properties unimpaired.

packaging

Available in 5 gallon cans, 40 lbs. net and in 55 gallon canisters, 400 lbs. net. Freight classification is 10.00 and 10.00 that include material of equal proportions.



For further information, write to Calgon, Water Department, Water Management Division,
Calgon Corporation, P. O. Box 246, Pittsburgh, Pa. 15201.

