

BAROCHEM^{T.M.} -B460

MICROBIOCIDE

BAROCHEM-B460 is a microbiocide for use in industrial recirculating cooling water towers to reduce the number of living algae and bacteria.

WARNING:

Avoid contact with skin, eyes, and clothing. Wear goggles, gloves and protective clothing when handling. Harmful or fatal if swallowed or absorbed through skin.

FIRST AID:

In case of contact immediately flush eyes or skin with plenty of water for at least 15 minutes. Call a physician if swallowed, or if eye contact occurs. Remove and wash contaminated clothing before reuse.

Active Ingredients:

Sodium Pentachlorophenate
Sodium Trichlorophenate
Sodium salts of other
chlorophenols

Inert Ingredients:

EPA Registration No.

Net Weight

55 gallon drum
5 gallon can

Percent by Weight

15.8
7.2
2.2

74.8
100%

17664-2

535 lbs.
48.6 lbs.



BAROID DIVISION

N L Industries, Inc.

P.O. BOX 1675 HOUSTON, TEXAS 77001

WARNING

Keep Out of Reach of Children.

See left panel for additional precautionary statements.

USE DIRECTIONS

To control algae and bacteria, use BAROCHEM-B460 as directed. The frequency of treatment depends on many factors which should be established by biological tests. To optimize the use of BAROCHEM-B460, follow the procedure below:

1. **Initial Dose** — When the system is noticeably fouled, apply 38.4 fluid ounces of BAROCHEM-B460 per 1000 gallons of water (300 ppm of product). This treatment should be applied at a point in the system where it will be uniformly mixed.

Repeat until control is achieved.

2. **Subsequent Dose** — When microbial control is evident, add 9.6 to 25.6 fluid ounces of BAROCHEM-B460 per 1000 gallons of water (75 to 200 ppm of product) each week, or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

This product is toxic to fish and wildlife. 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 this label.

Do not reuse empty container. Destroy container by perforating or crushing. Bury or discard in a safe place away from water supplies.

BAROID

products and services

BAROCHEMTM-B460
Microbiocide

BAROID TREATING CHEMICALS

GENERAL INFORMATION:

BAROCHEM-B460 is a microbiocide designed to control the growth of algae and bacteria in open recirculating cooling water systems. This product is particularly effective against sulfate reducing bacteria.

BAROCHEM-B460 is a nonoxidizing chemical and will not attack cooling tower wood. This product is not corrosive to metals in the system. BAROCHEM-B460 is compatible with other chemical treatments at normal use concentrations.

PHYSICAL PROPERTIES:

Specific Gravity at 68 F	1.169
Density, lb/gal	9.73
Viscosity, SUS at 70 F	34
Flash Point, F (Tag Open Cup)	None
Pour Point, F	30
pH, Concentrate	11.2

CHEMICAL DESCRIPTION:

BAROCHEM-B460 is a liquid blend of polychlorophenates with penetrating and dispersing agents. BAROCHEM-B460 is water soluble.

LIMITATIONS:

USE DIRECTIONS:

Treatment will depend on the severity of the problem and the amount of microbial growth present. The frequency of application should be based on visual inspection and microbiological analyses. Recommended treating rates are:

1. Initial Dose--When the system is noticeably fouled, add 38.4 fluid ounces of BAROCHEM-B460 per 1,000 gallons of water in the system (300 ppm of product). This treatment should be applied at any point of rapid circulation in the basin where it will be uniformly mixed. Treatment should be repeated until control is achieved.

2. Subsequent Dose--When microbial control is evident, slug feed 9.6 to 25.6 fluid ounces of BAROCHEM-B460 per 1,000 gallons of system water (75 to 200 ppm of product) each week, or as needed to maintain control.

Badly fouled systems must be mechanically cleaned before treatment is begun in order to prevent fouling of heat exchangers caused by massive kill of microbiological growths.

FEEDING:

BAROCHEM-B460 should be fed as the concen-

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Density, lb/gal	9.73
Viscosity, SUS at 70 F	3 ¹ / ₂
Flash Point, F (Tag Open Cup)	None
Pour Point, F	30
pH, Concentrate	11.2

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FEEDING:

BAROCHEM-B460 should be fed as the concentrated product and not diluted with water or mixed with other chemicals.

PACKAGING:

BAROCHEM-B460 is packaged in 5-gallon cans and 55-gallon drums.

Cameraman's Note

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DAVIDSON FILM & CHEMICAL CORPORATION, INC. HUNTSVILLE, TENNESSEE
FOR INFORMATION: THE FOLLOWING INFORMATION IS FOR YOUR INFORMATION ONLY. IT IS NOT TO BE USED AS A BASIS FOR ANY OTHER ACTION.

AVAILABILITY:

BAROCHEM-B460 is available from the Baroid Houston Plant and may be ordered from Baroid Division, Order Department, P. O. Box 1675, Houston, Texas 77001, or telephone 713/524-6381.

STORAGE:

BAROCHEM-B460 will freeze at temperatures below 30 F and should be stored accordingly. If freezing does occur, the product can be thawed without detrimental affect on its biocidal properties.

HANDLING:

BAROCHEM-B460 is classified as an economic poison under federal regulations. Keep out of reach of children.

WARNING--Avoid contact with skin, eyes, and clothing. Wear goggles, gloves, and protective clothing when handling. Harmful or fatal if swallowed or absorbed through the skin.

FIRST AID:

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