# CALGON CORPORATION SUBSIDIARY OF MERCK AND CO., INC.

H-79

## POWDER MICROBIOCIDE

## FOR CONTROLLING BACTERIA, FUNGI, YEASTS AND ALGAE

IN INDUSTRIAL COOLING WATER SYSTEMS

COMMERCIAL

WARNING

POISON

#### **GUARANTEE:**

1,2-dibromo-2,4-dicyanobutane ..... 98%

REGISTRATION NO. 17562

PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

NET WEIGHT 50 Kg.

MANUFACTURED BY CALGON CORPORATION P.O. BOX 1346 PITTSBURG, PA 15230

FOR

CALGON CANADA INC. 27 FINLEY ROAD BRAMALEA, ONTARIO L6T 1B2

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING!

CAUSES EYE DAMAGE AND SKIN IRRITATION

HARMFUL OR FATAL IF SWALLOWED

Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling.

#### FIRST AID:

EYE: In case of contact, flush eyes immediately with water for at least 15 minutes and get medical attention.

SKIN: In case of contact, wash with soap and water. If irritation persists, call a physician. Wash contaminated clothing before reuse.

INTERNAL - If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

## STORAGE AND DISPOSAL:

Keep container closed when not in use. Do not reuse empty container. Dispose of empty container in a incinerator or bury in an approved landfill.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water.

## NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

#### NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Calgon H-79 Powder Microbiocide is an organobromine compound which has a broad spectrum of activity against microorganisms and is extremely effective for the control of slime forming microorganisms and, including bacteria, fungi, yeasts and algae, in industrial cooling waters.

## DIRECTIONS FOR USE

## Method of Feeding

Badly fouled systems should be cleaned before initiating treatment. Add H-79 Powder Microbiocide to the system as received. Do not dilute or mix with other treatment chemicals. Add H-790 Microbiocide to the sump, suction side of the recirculating pump, or any other point of turbulent flow. Addition may be slug or intermittent, depending on the severity of contamination and system retention time. Optimum performance will be attained by intermittent feed. If "shock" treatment is used, the blowdown should be discontinued for 24 to 48 hours. Slug feeding should be timed so that the entire dosage is applied within a one hour period.

#### DOSAGE RATES

Initial Dosage: If the system is noticeably fouled, slug feed 50-250g of H-79 Powder Microbiocide per 10,000L of water in the system (5 to 26 ppm). Repeat until control is achieved. Subsequent Dosage: After control is achieved, feed 10-250g of H-79 Powder Microbiocide per 10,000L of water in the system (1 to 26 ppm). Apply treatment daily or as needed to maintain control. If intermittent dosage is selected, the treatment level should be adjusted to maintain 1 to 26 ppm based on water added to replace losses such as evaporation, blowdown, or drift.

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