

method of feeding

B-40 may be applied directly from the shipping drum as a slug treatment. It may also be diluted in a separate mixing tank before use.

Calgon Corporation markets a complete line of chemical pumps and feed systems suitable for application of B-40 Microbiocide. Based on specific requirements, your Calgon representative can specify the proper feed equipment.

specifications

appearance light, straw-colored liquid
specific gravity @ 25°C 0.976
weight per gallon 8.0 lbs.
flash point (TOC) greater than 190°F
pH as supplied 7.5
freeze point 29°F

precautions

DANGER — Keep out of reach of children. Harmful or fatal if swallowed. Product is corrosive and can cause severe eye and skin damage. Avoid contact with skin, eyes and clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing spray mist. Do not use, pour, spill or store near heat or open flame. Avoid contamination of food.

FIRST AID — In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites or gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN — Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

This product is toxic to fish. Treatment 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 in this bulletin.

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

Do not reuse empty drum. Return drum to reconditioner or rinse well with soap solution and discard. Do not contaminate water by disposal of wastes.

packaging

Available in 55-gallon lined steel drums, 425 lbs. net, 473 lbs. gross. Freight classification: Disinfectant, N.O.I., O/T medicinal and O/T toilet preparations.

For technical assistance regarding specific on-site problems contact Oilfield Department, Water Management Division, Calgon Corporation, P. O. Box 1346, Pittsburgh, Pa. 15230



SUBSIDIARY OF MERCK & CO., INC.

CALGON® NO. 33 ALGAEICIDE

**For Controlling the Growth of Algae or Slime Bacteria
in Evaporative Condensers and Cooling Tower Systems.**

Use 1 gallon per 6 months for each 1 gpm bleed. Feed with the
No. 215 Drip Feeder. See instructions for details on use.

KEEP OUT OF REACH OF CHILDREN

WARNING: Calgon No. 33 Algaecide may be fatal if swallowed, may be absorbed through skin—causes skin 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 reuse. Avoid contamination of food.

ACTIVE INGREDIENTS:
n-Alkyl (60% myristyl, 30% palmityl, 5% lauryl,
5% stearyl) dimethyl benzyl ammonium chlorides. . . . 19.91%
Isopropanol. 19.40%
Bis (Tri-n-Butyltin) Oxide* 8.62%
*Contains 39.7% metallic tin

INERT INGREDIENTS: ** 52.07%
**Includes solubilizing and dispersing agents
U.S.D.A. Registration No.

ONE GALLON

WHOLESALE DEPARTMENT



SUBSIDIARY OF MERCK & CO., INC.
PITTSBURGH, PA. 15230

Insert probe at
lowest point of bottle

Empty Container Should Be Rinsed
Thoroughly With Water And Discarded.

ACCEPTED
MAY 22 1969
UNDER THE FEDERAL INSECT
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC PEST CONTROL
ED UNDER NO. 10447-1 SUBJECT
TO ATTACHED COMMENTS.

40-049

WHY USE AN ALGAECIDE

Algae are microscopic plant growths that usually grow best in parts of the system exposed to sunlight such as the distribution pan of a cooling tower. Slime bacteria grow in areas where there is no light such as in the condenser. These slime and algae growths can build up in cooling water systems and restrict the water flow and insulate the heat transfer surfaces, causing high head pressures, reducing the efficiency of the equipment, and increasing power and service costs. Treatment of the water with an algaecide prevents growths from building up to the point where they cause trouble.

ACCEPTED
May 22-1969
UNDER THE FEDERAL INSECTICIDE,
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON, REGISTERED
UNDER NO. *10447-1*

Comment

No. 33 Algaecide is used to control slime or algae that grow extra fast. It is a liquid algaecide designed for continuous feeding. The continuous feed keeps algae and most other slime growths under control for a long period of time. One No. 215 Drip Feeder will introduce No. 33 Algaecide at the rate of 1 gallon every 5 to 7 months and will take care of systems up to 25 tons when the bleed is 2 gph per ton or up to 50 tons where the water is non-scaling and the bleed is 1 gph per ton.

IMPORTANT NOTE

Mixtures of water with concentrated No. 33 Algaecide will plug the No. 215 Drip Feeder, so when feeding No. 33 Algaecide the end of the No. 215 Drip Feeder tubing must be kept above water level in the sump.