CB-50 will control along and bacterial slimes found in recirculating cooling tower waters, oil field water flood and crude oil pipelines and storage facilities.

CB-50 helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required.

CB-50 is economical to use because it is concentrated. It should be handled with care.

Precautionary Statements

Hazards to Humans and domestic animals

DANGER:

Keep Out of Reach of Children. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with a NPDES permit. For guidance contact your Regional Office of the Environmental Protection Agency.

PHYSICAL HAZARDS

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

STORAGE AND DISPOSAL

-DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL OPEN DUMPING IS PROHIBITED -DO NOT REUSE EMPTY CONTAINER

PESTICIDE DISPOSAL

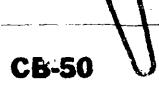
PESTICIDE THAT CANNOT BE USED, OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES

CONTAINER DISPOSAL

DISPOSE OF IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS, BURY IN A SAFE PLACE OR RETURN TO DRUMRECONDITIONER

GENERAL

I CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES



Water Treatment Microbiocide for the effective control of a broad spectrum of microorganisms in building and industrial recirculating cooling towers, oil field flood or salt water disposal systems and crude oil pipelines and storage facilities

Active Ingredient

1-Hydroxyethyl-1-benzyl-2-alkyl* Imidazolinium chloride

50%

inert Ingredients

50%

100%

*Alky! as in fally acids of coconut oil

KEEP OUT OF REACH OF CHILDREN

DANGER

Statement of Practical Treatment

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, gelatin solution, or 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 muy be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

6836-62

EPA Establishment No.

6836-IL-1

Net Volume

55 gals.

LONZA INC. 22-10 Route 208 • Fair Lawn, N.J. 07410

DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal Law to use this product in a mannel inconsistent with its labeling.

For controlling Atque, fungr, and a broad spectrum of bacteria and bacterial stime forming organisms that cause inefficient operating of building and industrial recirculating cooling towers. oil field water flood and crude oil pipeline and storage facilities, use CB-50 as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of CS-50, follow this procedure

Recirculating Cooling Towers
Initially use 7 fluid ounces per 1000 gaillons of water to be reated (25 ppm active quaternary)

Should the above dosage not give satisfactory results, use 13 fluid ounces por 1000 gallons of water

Repeat the initial dose every seven days or increase the frequency it needed

When the above treatment level is successful, use 3 to 4 fluid ounces per 1000 gallons of water to maximize efficiency Repeat weekly as needed

Should stime develop again, go back to initial dosage

Recirculating expling tower waters that are inherently low in algae growth and pacteria count may be adequately controlled by the lower range of these dosages, slug feed every seven days.

Dirate the appropriate amount of CB-50 in 1 or 2 gattons of water inen and to the sump of the tower. Note this product weighs 7.76 ibs per gallon (at 20°C)

Should tower be heavily fouled, a precleaning is required On Field Water Figor or Salt Water Disposal Systems: Do not apply in Marine and Estuarine Oil Fields;

- For the control of slime forming and sulfate reducing ber tree control or simp forming and surface reducing barteria notifield water floodor sait water disposal systems, add 35-50 ppm (active) CB-50 (9") = 13 gainons per 3000 barre's of water) continuously. Levels for effective control will vary depending on conditions at the site.
- For intermittent use, dose at a rate of 35-70 ppm factive) CB-50 (9) 18 gallons per 3000 barrets of water) for 4-8 hours per day one to four times a week as needed to maintain

Crude Oil Pipeline and Storage Facilities

- For the control of suifate reducing bacteria, heteratrophic bacteria and corrosion in crude of pipelines, stug does with 0.5-3 galtons of CB-50 per diameter inchiper mite of propiline. Apply the appropriate dosage in slug form in front of the pipe inelpig as required by the system.
- For contribuous pipeline feed applications, add 9.5-13 gattons of CB-50 per 3000 barrets of crude oil CB-50 is added to the pipeline directly behind the pig.
- For the treatment of course oil storage faculties, add CR-sh at he rate of 9 5-13 gallons per 3000 barrels of crude oil

And CB-90 id recity from the drum with the proper type of metering equipment. This product weighs 7.76 lbs gailon (at 20°C). Since crude out in period and storage facilities differ in the materials hadded and operation. The recommended of Josages may recall up a light mephodia and on practical programs.

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