

WELCHEM MICROBIOCIDE 55 helps clean and loosen debris from cooling and flooding system surfaces. When used in fog disuses, no other microbicide is required.

WELCHEM MICROBIOCIDE 55 is economical to use because it is concentrated. It should be handled with care.

Precautionary Statements Hazards to Humans and Domestic Animals

DANGER

Do not breathe dust. Avoid contact with skin and eyes. If contact occurs, wash thoroughly with water. If swallowed, drink plenty of water. Do not eat, drink, or smoke while using. Wash hands thoroughly after handling. Do not contaminate food. Use with adequate ventilation.

ENVIRONMENTAL HAZARDS

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

PHYSICAL HAZARDS

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

Store in original container. Do not use if container is damaged or leaking. Do not use if contents are solidified. Do not reuse empty container.

PESTICIDE DISPOSAL

Pesticide that cannot be used or chemically reprocessed and spill residues are hazardous wastes due to ignitability. They should be burned in an approved incinerator.

CONTAINER DISPOSAL

Dispose of in an incinerator or landfill approved for pesticide containers. Bury in a safe place or return to drum recycler.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.

WELCHEM



MICROBIOCIDE 55

Active Ingredients:

Alkyl (C ₁₄ , 50%, C ₁₂ , 40%, C ₁₆ , 10%)	
dimethyl benzyl ammonium chloride	20.0%
Octyl decyl dimethyl ammonium chloride	15.0%
Dioctyl dimethyl ammonium chloride	7.5%
Didecyl dimethyl ammonium chloride	7.5%
Inert Ingredients	50.0%

100.0%

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.

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 may be needed.

See Side Panel for
Additional Precautionary Statements

SOLD BY
WELCHEM, INC.
5456 N.W. CENTRAL DRIVE
HOUSTON, TEXAS 77092
(713) 462-4783

EPA Establishment No. 07333-TX-01, 02
EPA Registration No. 7333-2

NET VOLUME 55 gals. (208.2 liter)



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DIRECTIONS FOR USE GENERAL CLASSIFICATIONS

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

To control algae and bacterial slimes, use WELCHEM MICROBIOCIDE 55 as directed. For best results, slug feed. The frequency of addition needed depends on many factors. To optimize your use of WELCHEM MICROBIOCIDE 55 follow this procedure:

Recirculating Cooling Towers

1. Apply 1-2 to 3 ounces per 1000 gallons of water. Repeat weekly as needed.

If the above dosage does not give satisfactory results, use 9 fluid ounces per 1000 gallons of water.

Repeat this initial dose every seven days until the frequency is needed.

2. When the above treatment level is successful, use 2 to 3 fluid ounces per 1000 gallons of water to maximize efficiency. Repeat weekly as needed.

Should slime develop again, go back to initial dosage.

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

Slute the appropriate amount of WELCHEM MICROBIOCIDE 55 in 1 or 2 gallons of water, then add to the tower. Note: this product weighs 7.89 lbs. per gallon at 20°C.

Should tower be heavily fouled, a pre-cleaning is required.

Oil Field Water Flood or Salt Water Disposal Systems:

Do not apply in Marine and Estuarine Oil Fields.

1. For the control of slime forming and sulfate reducing bacteria in oilfield water flood or salt water disposal systems, add 5-10 ppm (active) WELCHEM MICROBIOCIDE 55 (1 to 3 gallons per 3000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.

2. For intermittent use, dose at a rate of 5-20 ppm (active) WELCHEM MICROBIOCIDE 55 (1 to 6 gallons per 3000 barrels of water) for 4-8 hours per day, one to four times a week as needed for slime control.

Use WELCHEM MICROBIOCIDE 55 directly from the drum with the proper type of metering equipment. This product weighs 7.89 lbs. per gallon at 20°C.

DOT Proper Shipping Name:
Combustible Liquid, N.O.S.
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