

ACCEPTED
 46622-1
 JUN 1974
 Micro-Biocide; SF-54

ACTIVE INGREDIENT:
 Potassium dimethyldithiocarbamate 25.0%
INERT INGREDIENTS 75.0%
 This product contains 2.3 lb. of active ingredient per gallon and weighs 9.25 lb. per gallon.

**KEEP OUT OF REACH OF CHILDREN
 WARNING**

**PRECAUTIONARY STATEMENTS
 HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING: Causes eye damage and skin irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling.

STATEMENT OF PRACTICAL TREATMENT: In case of skin contact, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for at least 15 minutes. Get medical attention immediately. If product is swallowed, call a physician immediately. If patient is conscious, induce vomiting by stroking or tickling the patient's throat or far back on patient's tongue. Emetics such as 2 teaspoonful (10 mL) of ipecac syrup or 1 teaspoonful (5 mL) of dry mustard in warm water to form a paste or even soap in warm water can be used. Repeat until vomit fluid is clear. Then have patient drink plenty of milk, gelatin solution, beaten egg whites, flour and water, or other nonacrid demulcent. Never induce vomiting or give anything by mouth to an unconscious person.

Note to physician: Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply in marine and/or estuarine habitats. 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.

BEST DOCUMENT AVAILABLE

Manufactured by
Reef Chemical Co., Inc.
P. O. Box 529, 164th Avenue N.
Stuyvesant, Texas 75781

EPA REG. NO. _____ EPA EST. NO. _____

NET CONTENTS _____

**DIRECTIONS FOR USE
 GENERAL CLASSIFICATION**

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

Micro-Biocide; SF-54 is used in industrial and/or commercial recirculating cooling tower systems and industrial air-washing systems to control microbiological slime. Prior to the use of Micro-Biocide; SF-54 in industrial and/or commercial recirculating cooling tower systems, systems should be cleaned to remove algal growth, microbiological slime, and other deposits. Then make an initial slug addition of 4.5 to 6.8 fl. oz. of Micro-Biocide; SF-54 per 1000 gal. of water to provide 40 to 60 ppm of Micro-Biocide; SF-54, based on total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug addition of 2.3 to 6.8 fl. oz. of Micro-Biocide; SF-54 per 1000 gal. of water (20 to 60 ppm Micro-Biocide; SF-54) every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of recirculating cooling tower systems.

Micro-Biocide; SF-54 is used in industrial air-washing systems which maintain effective mist-eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 10.6 to 13.6 fl. oz. of Micro-Biocide; SF-54 per 1000 gal. of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 7.9 to 13.6 fl. oz. of Micro-Biocide; SF-54 per 1000 gallons of water should be employed every 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or the water collection trays of the airwash system.

Micro-Biocide; SF-54 is used to control both aerobic and anaerobic bacteria, including sulfate-reducing organisms, in petroleum secondary-recovery waterflood operations. In systems fouled with microbiological deposits, Micro-Biocide; SF-54 should be added as a slug dose to provide a concentration of 16 to 32 ppm (1.9 to 3.8 fl. oz. of Micro-Biocide; SF-54 per 1000 gal. of water treated) This should be followed by a continuous addition of Micro-Biocide; SF-54 employing a chemical-metering pump to maintain a concentration of 16 ppm, based on total weight of water treated. Both slug additions and continuous addition of Micro-Biocide; SF-54 should be made at the heater treater dump, gathering lines, or receiving tanks. Addition should always be made upstream to the filter.

Micro-Biocide; SF-54 is also used to inhibit the growth of fungi and bacteria in water based drilling fluids, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes Micro-Biocide; SF-54 is added at rates of 1.4 to 6.8 gal. per 100 barrels of fluid (0.03 to 0.16% by volume)

STORAGE AND DISPOSAL

STORAGE: Do not store in water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.

CONTAINER DISPOSAL: PLASTIC: Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. METAL: Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning.

<p>U.S. ENVIRONMENTAL PROTECTION AGENCY NOTICE OF PESTICIDE</p>	<p>EPA REGISTRATION NO.</p>	<p>DATE OF CHANGE 5/14</p>
<p>NAME AND ADDRESS OF REGISTRANT</p> <p style="text-align: center;">BEST DOCUMENT AVAILABLE</p>		
<p>NOTE: Changes in labels or labels for use of a pesticide registered in connection with this registration must be approved and accepted by the Registration Division of the Agency. In any correspondence on this product, always refer to the actual U.S. EPA registration number.</p>		
<p>On the basis of the information furnished by the registrant, the following pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act:</p>		
<p>A copy of the label for registration in connection with this registration is returned herewith.</p>		
<p>Registration may be suspended or withdrawn at any time by the Agency. In order to protect health and the environment, the Agency may suspend or withdraw registration of a pesticide from sale or use in the United States if it is found to be inconsistent with the registration of a product under this Act. A copy of the notice of suspension or withdrawal will be sent to the registrant if it has been covered by this Act.</p>		
<p><input type="checkbox"/> ATTEST</p>	<p>DATE</p>	
<p>SIGNATURE</p>		<p>DATE</p>