# O.F.-50

REGISTERED
with the
Insecticide
NOV 03 1
United States
Environmental
Protection
Agency
EPA Reg. No.
9657-13

ACTIVE INGREDIENT:

Potassium dimethyldithiocarbamate ..... 50.0%

INERT INGREDIENTS ..... 50.0%

This product contains 5.2 lb. of active ingredient per gallon and weighs 10.4 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 soapy warm water can be used. Repeat until vomit fluid is clear. Then have patient drink plenty of milk, egg white, or beaten egg whites, then drink water or other non-oily liquid. [illegible]

Antidote [illegible] Protection [illegible] consult state guidelines.

**ENVIRONMENTAL HAZARDS** [illegible] EPA [illegible]

BEST DOCUMENT AVAILABLE

Manufactured by:
Solvent Manufacturing Co., Inc.
1517 Oklahoma Boulevard P.O. Box [illegible]
Midwest City, OK 73110 73118

EPA REG. NO. EPA EST. NO.

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## DIRECTIONS FOR USE
## GENERAL CLASSIFICATION

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

O.F. 50 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 O.F.-50 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 2.0 to 3.0 fl. oz. of O.F.-50 per 1000 gal. of water to provide 20 to 30 ppm of O.F. 50, based on total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug addition of 1.0 to 3.0 fl. oz. of O.F.-50 per 1000 gal. of water (10 to 30 ppm O.F. 50) 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.

O.F. 50 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 4.7 to 6.0 fl. oz. of O.F.-50 per 1000 gal. of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 3.5 to 6.0 fl. oz. of O.F.-50 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.

O.F. 50 is used to control both aerobic and anaerobic bacteria, including sulfate-reducing organisms, in petroleum secondary-recovery waterflooding operations. In systems fouled with microbiological deposits, O.F. 50 should be added as a slug dose to provide a concentration of 8 to 16 ppm (0.83 to 1.66 fl. oz. of O.F. 50 per 1000 gal. of water treated). This should be followed by a continuous addition of O.F. 50 employing a chemical metering pump to maintain a concentration of 8 ppm, based on total weight of water treated. Both slug additions and continuous addition of O.F.-50 should be made at the heater treater dump, gathering lines, or receiving tanks. Addition should always be made upstream to the filter.

O.F.-50 is also used to inhibit the growth of fungi and bacteria in water based drilling muds, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes O.F. 50 is added at rates of 0.6 to 3.0 gal. per 100 barrels of fluid (0.014 to 0.071% by volume).

O.F.-50 is used to control bacterial and fungal slime in pulp and paper mill systems. Recommended treatment rates are 0.25 to 1.0 lb. of O.F. 50 per ton of pulp or paper produced for periods of 2-6 hours out of each 8, each 12, or each 24 hours. Required concentrations and frequency of treatment will depend on the rate of slime accretion. O.F. 50 is added to the white water or stock going to the fan pump, and, if necessary, to fresh water, slush pulp, broke, or other machine furnish components. To inhibit the growth of bacteria and fungi in papermaking additives (including alum solutions, animal glue solutions, pigment slurries, coating formulations, and starch slurries and solutions), O.F.-50 is added to these materials in concentrations of 50 to 400 ppm (weight/weight).

## STORAGE AND DISPOSAL

PROHIBITION: [illegible]

PESTICIDE DISPOSAL: [illegible]

CONTAINER DISPOSAL:

[illegible]

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-557)
WASHINGTON, D.C. 20460

**NOTICE OF PESTICIDE:** ☐ REGISTRATION ☐ REREGISTRATION

*(Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended)*

| EPA REGISTRATION NO. | DATE OF ISSUANCE |
|---|---|
| TERM OF ISSUANCE | 02 NOV 1983 |
| NAME OF PESTICIDE PRODUCT | |

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted in and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

☐ ATTACHMENT IS APPLICABLE

| SIGNATURE OF APPROVING OFFICIAL | DATE |
|---|---|
| | |

EPA Form 8570-6 (Rev. 5-76) [illegible] MAY BE USED UNTIL SUPPLY IS EXHAUSTED.