

CT-271

BEST DOCUMENT AVAILABLE

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 4 oz. 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 nonoily 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 or fresh waters. 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.

ACCEPTED with COMMENTS in EPA Label Format

Manufactured by: Water Engineering Services, Inc. 106 E. Buchanan Phoenix, AZ 85004

JUL 25 1984

EPA REG. NO.

EPA EST. NO.

registered under EPA Reg. No. 46372-11

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.

CT-271 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 CT-271 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 CT-271 per 1000 gal. of water to provide 20 to 30 ppm of CT-271, 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 CT-271 per 1000 gal. of water (10 to 30 ppm CT-271) 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.

CT-271 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 CT-271 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 CT-271 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.

CT-271 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, CT-271 should be added as a slug dose to provide a concentration of 8 to 16 ppm (0.83 to 1.66 fl. oz. of CT-271 per 1000 gal. of water treated). This should be followed by a continuous addition of CT-271 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 CT-271 should be made at the heater treater dump, gathering lines, or receiving tanks. Addition should always be made upstream to the filter.

CT-271 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 CT-271 is added at rates of 0.6 to 3.0 gal per 100 barrels of fluid (0.014% to 0.071% by volume).

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not expose to extreme temperatures. Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

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.

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

TERM OF ISSUANCE

25 JUL 1984

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

BEST DOCUMENT AVAILABLE

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to 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

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Potassium dimethyldithiocarbamate 50.0%

INERT INGREDIENTS 50.0%

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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 teaspoonsful (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 nonoily 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 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.

In Accordance with EPA Reg. No. 46332-11
Based on Draft Labeling dated 11/10/84

Manufactured by:
Water Engineering Services, Inc.
106 E. Buchanan
Phoenix, AZ 85004

EPA REG. NO. 46332-11 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.

CT-271 is used in industrial and/or commercial recirculating cooling tower and industrial air-washing systems to control microbiological slime. Prior to the use of CT-271 in industrial and/or commercial recirculating cooling tower systems, systems should be cleaned to remove algal growth, microbiological slime, and other deposits. An initial slug addition of 2.0 to 3.0 fl. oz. of CT-271 per 1000 gal. of water to provide a concentration of 8 to 16 ppm (0.83 to 1.66 fl. oz. of CT-271 per 100 gal. of water (10 to 30 ppm CT-271) every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the problem. Slug additions should be made in the sump of recirculating systems.

CT-271 is used in industrial air-washing systems which maintain equipment by eliminating components. Prior to its use, systems should be cleaned to remove slime and other deposits. An initial slug dose of 4.7 to 6.0 fl. oz. of CT-271 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 3.5 to 6.0 fl. oz. of CT-271 per 1000 gallons of water should be made every 2 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 in the water collection trays of the airwash system.

CT-271 is used to control both aerobic and anaerobic bacteria, including reducing organisms, in petroleum secondary-recovery waterflooding systems fouled with microbiological deposits, CT-271 should be added as a continuous addition of 8 to 16 ppm (0.83 to 1.66 fl. oz. of CT-271 per 100 gal. of water treated). This should be followed by a continuous addition of CT-271 through a chemical-metering pump to maintain a concentration of 8 ppm, based on 100 gal. of water treated. Both slug additions and continuous addition of CT-271 should be made upstream to the filter.

CT-271 is also used to inhibit the growth of fungi and bacteria in water-based muds, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes CT-271 should be added at rates of 0.6 to 3.0 gal. per 100 barrels of fluid (0.014 to 0.071% by volume).

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not expose to extreme temperatures. Do not stack more than four drums high. Leaking drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or other absorbent material and placed in a sanitary landfill. Keep container closed when not in use.

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

CONTAINER DISPOSAL

PLASTIC: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, do not breathe smoke.

METAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.