

13 NOV 1984

Sharp Chemical Co.
6700 Dixie Drive
Houston, TX 77087

Gentlemen:

Subject: Water Treat 87-D
EPA Registration No. 22058-20
Your Application Dated August 6, 1984

We have no objection for the use direction expansion for water cooling towers and airwash application nor the additional use application for petroleum secondary and drilling muds. Also the proposed container disposal instructions are acceptable. A stamped copy is enclosed for your records.

However, since this product is assigned to Toxicity Category II, the pesticide disposal instructions should be similar to:

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Also your present Environmental Hazard statement should be expanded to read as follows:

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

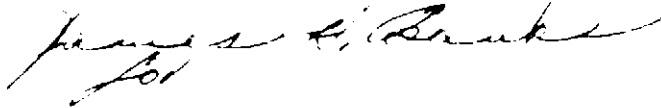
EPA Form 1320-1-14-81

OFFICIAL FILE COPY

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These label corrections may be done at the printing of your next set of labels. At that time submit five copies of the corrected printed label.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "James H. Lee".

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

JCB-50616:John Lee:CBI-5:KIM:Kendrick:898-1270:10/29/84:Del.11/6/84

Water Treat 87-D

ACTIVE INGREDIENT:

Potassium dimethyldithiocarbamate 12.5%

INERT INGREDIENTS 87.5%

This product contains 1.1 lb. of active ingredient per gallon and weighs 8.77 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. Emetic, 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 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.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

NOV 19 1984

Manufactured by:
Shaw Chemical Company
6700 Dixie Drive
Houston, TX 77087

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, this pesticide
registered under EPA Reg. No.

EPA REG. NO. 22058-20

EPA EST. NO. 22058-20

NET CONTENTS

DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner not consistent with its labeling.

Water Treat 87-D is used in industrial and/or commercial systems and industrial air-washing systems to control microbial growth. The use of Water Treat 87-D in industrial and/or commercial systems, systems should be cleaned to remove algal growth and other deposits. Then make an initial slug addition of 9.5 fl. oz. of Water Treat 87-D per 1000 gal. of water to provide 80 to 120 ppm of Water Treat 87-D in the system. Repeat initial dosage until control is achieved. Add Water Treat 87-D (per 1000 gal. of water) every 2 to 5 days or as needed. The frequency of application should be determined by the relative amount of bleedoff and the severity of the microbial growth. Conditions should be made in the sump of recirculating cooling towers.

Water Treat 87-D is used in industrial air-washing systems to control bacterial slime-eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 16.5 fl. oz. of Water Treat 87-D per 1000 gal. of water is recommended. Repeat initial dosage until control is achieved. Subsequent slug additions of 16.5 to 28.4 fl. oz. of Water Treat 87-D per 1000 gal. of water should be employed every 1 to 5 days, or as needed. The frequency of application depends upon the relative amount of bleedoff and the severity of the microbial growth. Additions may be made to the sump or the water collected in the sump.

Water Treat 87-D is used to control both aerobic and anaerobic microbial growth in sulfate-reducing organisms, in petroleum secondary-recycled systems fouled with microbiological deposits, Water Treat 87-D should be used at a dose to provide a concentration of 32 to 64 ppm (3.9 to 7.8 ppm in 1000 gal. of water treated). This should be followed by a slug addition of Water Treat 87-D employing a chemical-metering pump to maintain a concentration based on total weight of water treated. Both slug additions should be made at the heater-treater or tanks. Addition should always be made upstream of the heater-treater.

Water Treat 87-D is also used to inhibit the growth of microorganisms in drilling muds, completion fluids, packer fluids, and other fluids containing starch, gums, sugars, or other organic materials. Water Treat 87-D is added at rates of 2.8 to 14.2 gal. per 100 barrels.

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 10 drums. Drums should be placed in overpack drums for disposal. Spills should be cleaned up in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal is a violation of Federal Law. If these wastes cannot be disposed of in a sanitary landfill, contact your State Pesticide or Environmental Control Agency, or the EPA Regional Office for guidance.

CONTAINER DISPOSAL:

PLASTIC: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or incineration, or if allowed by state and local authorities, sanitary landfill. Do not burn. **METAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or if allowed by state and local authorities, sanitary landfill. Do not burn.

Smith Chemical Co.
6700 Dixie Drive
Houston, TX 77087

Gentlemen:

Subject: Water Treat 87-D
EPA Registration No. 22058-20
Your Application Dated August 6, 1984

We have no objection for the use direction expansion for water cooling towers and airwash application nor the additional use application for petroleum secondary and drilling muds. Also the proposed container disposal instructions are acceptable. A stamped copy is enclosed for your records.

However, since this product is assigned to Toxicity Category II, the pesticide disposal instructions should be similar to:

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Also your present Environmental Hazard statement should be expanded to read as follows:

ENVIRONMENTAL HAZARDS:

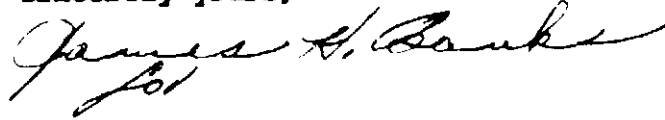
This product is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CONCURRENCES								
SYMBOL ▶								
SURNAME ▶								
DATE ▶								

-2-

These label corrections may be done at the printing of your next set of labels. At that time submit five copies of the corrected printed label.

Sincerely yours,



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

JCB-50616:John Lee:CBI-5:KIM:Kendrick:898-1270:10/29/84:Del.11/6/84

Water Treat 87-D

ACTIVE INGREDIENT:

Potassium dimethyldithiocarbamate 12.5%

INERT INGREDIENTS 87.5%

This product contains 1.1 lb. of active ingredient per gallon and weighs 8.77 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 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 13 1984

Manufactured by:
Sharp Chemical Company
6700 Dixie Drive
Houston, TX 77087

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

EPA REG. NO. 22058-20

EPA EST. NO. 22058-20

NET CONTENTS _____

DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner not consistent with its labeling.

Water Treat 87-D is used in industrial and/or commercial air-washing systems and industrial air-washing systems to control microbial growth and other deposits. Then make an initial slug addition of 9.5 to 14.2 fl. oz. of Water Treat 87-D per 1000 gal. of water to provide 80 to 120 ppm of Water Treat 87-D in the system. Repeat initial dosage until control of microbial growth and other deposits is achieved. Repeat initial addition of 4.7 to 14.2 fl. oz. of Water Treat 87-D per 1000 gal. of water (Water Treat 87-D) every 2 to 5 days or as needed. The frequency of additions should be based on the relative amount of bleedoff and the severity of the microbial growth. Additions should be made in the sump of recirculating cooling water.

Water Treat 87-D is used in industrial air-washing systems to control mist-eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 9.5 to 14.2 fl. oz. of Water Treat 87-D per 1000 gal. of water is recommended. Repeat initial slug additions of 16.5 to 28.4 fl. oz. of Water Treat 87-D per 1000 gal. of water should be employed every 1 to 5 days, or as needed. The frequency depends upon the relative amount of bleedoff and severity of the microbial growth. Additions may be made to the sump or the water collection system.

Water Treat 87-D is used to control both aerobic and anaerobic bacteria, sulfate-reducing organisms, in petroleum secondary-recycled water systems fouled with microbiological deposits. Water Treat 87-D is added at a dose to provide a concentration of 32 to 64 ppm (3.9 to 7.3 fl. oz. of Water Treat 87-D per 1000 gal. of water treated). This should be followed by a slug addition of Water Treat 87-D employing a chemical-metering pump to maintain a concentration based on total weight of water treated. Both slug additions and continuous additions of Water Treat 87-D should be made at the heater-treater discharge. Addition should always be made upstream to the heater-treater tanks.

Water Treat 87-D is also used to inhibit the growth of bacteria in drilling muds, completion fluids, packer fluids, and other fluids containing starch, gums, sugars, or other organic materials. Water Treat 87-D is added at rates of 2.8 to 14.2 gal. per 100 barrels of water.

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 10 drums. Drums should be placed in overpack drums for disposal. Spills should be cleaned up and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of pesticide wastes is a violation of Federal Law. If these wastes cannot be disposed of in a sanitary landfill, contact your State Pesticide or Environmental Control Agency, or the nearest Regional Office for guidance.

CONTAINER DISPOSAL:
(1) **PLASTIC:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or by other procedures approved by state and local authorities. Do not burn. Do not incinerate. Do not dump in open fire or smoke.
(2) **METAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or by other procedures approved by state and local authorities.