

JUN 30 1987

Betz Energy Chemicals, Inc.
1029 Cindy Lane
Carpenteria, CA 93013

Attention: Mr. Kevin C. Manning

Gentlemen:

Subject: Enchem 41-J3 Microbial Control Agent
EPA Registration No. 48525-8
Your Application Dated March 9, 1987
EPA Received Date March 16, 1987

The draft label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the labeling change listed below before you release the product for shipment bearing the amended labeling.

- Give the complete "EPA Est. No."

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

We note, here, that your label now contains the statement "This product and its use as a slime control 'Composition' are covered by U.S. Patent 3,898,343."

Sincerely yours,

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

Enclosure

93158:I:Lee:L-11:KENCO:6/8/87:6/18/87:bjp:vo:sjh:ek:teg:TG

CONCURRENCES

SYMBOL	ORIGINATOR							
SURNAME								
DATE								

OFFICIAL FILE COPY:

BETZ® ENERGY CHEMICALS, INC.

ENCHEN 41-J3

MICROBIAL CONTROL AGENT

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

IRRITANT OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. CAUSES EYE BURNS AND SKIN IRRITATIONS. DO NOT GET INTO EYES, ON SKIN OR ON CLOTHING. DO NOT INHALE VAPOR OR MIST. USE WITH ADEQUATE VENTILATION. WEAR PROTECTIVE GLOVES, SPLASHPROOF CHEMICAL GOGGLES AND FACE SHIELD WHEN HANDLING.

ENVIRONMENTAL HAZARDS

THIS PESTICIDE IS TOXIC TO FISH AND WILDLIFE. 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 PESTICIDE IS SPECIFICALLY IDENTIFIED AND ADDRESSED IN AN NPDES PERMIT. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PESTICIDE TO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE SEWAGE TREATMENT PLANT AUTHORITY. FOR GUIDANCE CONTACT YOUR STATE WATER BOARD OR REGIONAL OFFICE OF THE EPA. APPLY THIS PESTICIDE ONLY AS SPECIFIED ON THIS LABEL.

PHYSICAL AND CHEMICAL HAZARDS
COMBUSTIBLE. DO NOT USE, POUR OR STORE NEAR HEAT OR OPEN FLAME.

ACCEPTED
GAS CHROMATOGRAPHY
IN THE U.S.A.

JUN 30 1987

Under the provisions of the
Hazardous Waste Identification Act

NET WT 100 LBS.
LOT NO. 48525-8

FOR INDUSTRIAL USE. Technical advice regarding specific site problems is available from BETZ. JCEPA 0742

Active Ingredients:

Beta-Bromo-beta-Nitrostyrene.....9.27
Methylumbis (thiocyanate).....4.92
Inert Ingredients.....85.92
Total.....100.00

All inert ingredients include solubilizing and dispersing agents.

CONTENTS: LIQUID
POUNDS PER GALLON: 8.04 (70F)
EPA REG. NO.: 40525-8

EPA EST. NO.

DIRECTIONS FOR USE:

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

STORAGE AND DISPOSAL

STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.
PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous and/or toxic. Improper disposal of 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 Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
CONTAINER DISPOSAL: METAL AND PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay out of smoke.
FIBER DRUMS WITH LINERS: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

For the control of slime-forming bacteria, fungi, algae and sulfide-producing bacteria in oil field water, polymer or micellar floods, water disposal systems or other oil field water systems, packer fluids and drilling muds.

This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem.

HEAVILY FOULED SYSTEMS must be cleaned before treatment is begun.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 10 to 100 pounds (30 to 300 ppm) per 1000 barrels of water intermittently for 4 to 8 hours per day and from 1 to 4 times per week or as needed. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate

of 10 to 50 pounds (30 to 150 ppm) per 1000 barrels of water every 3 weeks to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 10 to 100 pounds (30 to 300 ppm) per 1000 barrels of water in the time until control is achieved.

SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 10 to 50 pounds (30 to 150 ppm) per 1000 barrels of water in the system.

PACKER FLUIDS AND DRILLING MUDS

Add this product directly to the packer fluid or drilling mud at the rate of 10 to 500 pounds (30 to 600 ppm) per 1000 barrels. The dosage rate will vary with the severity of the problem.

THIS PRODUCT AND ITS USE AS A SLIME-CONTROL COMPOSITION ARE COVERED BY PATENT 3,898,313.

CARPINTERIA, CA 93013 BUSINESS PHONE: 805-684-6991 EMERGENCY (HEALTH OR ACCIDENT): 215-3111