



**BETZ  
ENERGY  
CHEMICALS  
INC.**

ACCEPTED

MAY 25 1983

U.S. for the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under 40 CFR 155.101

**BETZ® EnChem**

**MICROBIAL  
CONTROL  
AGENT**

**41-J3**

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

HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. Causes eye burns and skin irritations. Avoid breathing vapor or mist. Use with adequate ventilation. Do not get into eyes, on skin or on clothing. Wear rubber gloves, 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 into lakes, streams, ponds or public water unless in accordance with a NPDES permit. For guidance contact your Regional Office of the EPA. Do not contaminate water by cleaning of container and equipment or disposal of wastes. 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.

**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:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**DISPOSAL:** Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in an approved pesticide landfill. Triple rinse (or equivalent) all containers before sending to drum reconditioner or destroy by perforation or crushing and burying in a safe place or dispose of in a landfill approved for pesticide containers. Consult federal, state or local disposal authorities for approved alternative procedures.

(Directions for Use continued on right panel.)

ENGCH022 8301

**Contents: LIQUID**

**Active Ingredients:**

*β*-Bromo-*β*-Nitrostyrene ..... 9.2%

Methylenebis (thiocyanate) ..... 4.9%

Inert Ingredients\*: ..... 85.9%

Total ..... 100.0%

\*Inert ingredients include solubilizing and dispersing agents.

EPA Reg. No. 48525-8

WEIGHT PER GALLON OF PRODUCT

8.04 Pounds (70F)

NET WEIGHT OR VOLUME

AS MARKED ON CONTAINER

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact with skin, wash immediately with plenty of soap and water. Immediately contact physician.

In case of contact with eyes, flush promptly and thoroughly with clear water for at least 15 minutes. Immediately contact physician.

In case of inhalation, remove affected person from contaminated area to fresh air. Immediately contact physician.

In case of ingestion, immediately contact physician.

A Material Safety Data Sheet containing more detailed information relative to this product is available upon request.

**KEEP CONTAINER TIGHTLY CLOSED — PROTECT FROM FREEZING  
STORE IN A DRY PLACE — DO NOT STORE AT ELEVATED TEMPERATURES**

For the control of slime-forming bacteria, fungi, algae and sulfide-producing bacteria in oil field water, polymer, or mycellar 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.

**BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

**INTERMITTENT OR SLUG METHOD**

**INITIAL DOSE:** When the system is noticeably fouled, add 41-J3 at the rate of 10 to 100 pounds to 1000 barrels of water or 30 to 300 parts per million 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 41-J3 at the rate of 10 to 50 pounds to 1000 barrels of water or 30 to 150 parts per million every 3 days or as needed to maintain control.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE:** When the system is noticeably fouled, add 41-J3 at the rate of 10 to 100 pounds to 1000 barrels of water, or 30 to 300 parts per million in the system.

**SUBSEQUENT FEED:** Continuously feed 41-J3 to maintain a dosage of 3 to 50 pounds to 1000 barrels of water or 10 to 150 parts per million in the system.

**PACKER FLUIDS AND DRILLING MUDS**

Add 41-J3 directly to the packer fluid or drilling mud at the rate of 50 to 500 pounds per 1000 barrels or 80 to 800 parts per million. The dosage rate will depend upon the severity of the problem.

This product and its use as a slime-control composition are covered by United States Patent 3,898,343.

**FOR INDUSTRIAL USE ONLY.** Technical advice regarding specific site problems is available from BETZ ENERGY CHEMICALS, INC.

**BETZ ENERGY CHEMICALS, INC., Carpinteria, CA 93013**

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