

02 NOV 1984

Betz Energy Chemicals
1029 Cindy Lane
Carpinteria, CA 93013

Attention: Robert N. Goodell

Gentlemen:

Subject: Betz En Chem 41-J2
EPA Registration No. 48525-2
Your Submission Dated August 16, 1984

We have reconsidered our comments in regard to the proposed labeling for this product and determined that the labeling is acceptable. A stamped copy is enclosed for your records.

The revised Confidential Statement of Formula agrees with the label and is acceptable.

It should be noted that a new policy with respect to effluent discharge statements was approved on September 11, 1984, for use on manufacturing use pesticides and end-use products with discharge potential. The purpose of this change in policy is to eliminate any inconsistencies between pesticide label statements prohibiting discharge into lakes, streams and ponds and NPDES permits issued by the NPDES-authorized states and the Office of Water Enforcement and Permits which allowed for discharge of effluents containing pesticides. If you wish, you may revise the Environmental Hazard Section of your label as indicated below when new labels are printed.

This product 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 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

CONCURRENCES						
SIGNATURE						
DATE						

plant authority. For guidance contact your State Water Board or 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.

Sincerely yours,



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

Enclosure

RD/DIS:Job-50649:J.Lee:RD-15:eg:Kendrick & Co.:898-1270:10/29/84:Del.11/7/84

[LOGG]BETZ

ENERGY
CHEMICALS,
INC.

ETZ EnChem[R] 41-J2 Microbial Control Agent

FIRST PANEL

PRECAUTIONARY STATEMENTS[14b-f]

HAZARDS TO HUMANS AND[12b-f]
DOMESTIC ANIMALS[12b-f]

DANGER[18b-f]

HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. Causes eye damage and skin irritations. Do not inhale 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. Immediately remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS[14b-f]

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[14b-f]

Combustible. Do not use, pour or store near heat or open flame.

DIRECTIONS FOR USE[14b-f]

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

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

ACCEPTED
with COMMENTS
EPA Letter Dated

NOV 02 1984

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

48575-2

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 should be cleaned before treatment is begun.

(Directions for Use continued on third panel.)

ENGCH021 2406

SETZ Energy [con't under 2nd & 3rd column]
business Phone: 605-624-6991

[SECOND PANEL]

Contents: LIQUID

(
Active Ingredients:

Dodecylguanidine hydrochloride .. 10.0%

Methylenebis (thiocyanate) 5.0%

Inert Ingredients* : 85.0%

Total 100.0%

*Inert ingredients include solubilizing and dispersing agents.

EPA Reg. No. 48525-2

WEIGHT PER GALLON OF PRODUCT
9.2 Pounds (6PF)

NET WEIGHT OR VOLUME
AS MARKED ON CONTAINER

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 02 1984

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

48525-2

KEEP OUT OF REACH OF CHILDREN [12b f]

DANGER [18b f]

STATEMENT OF PRACTICAL TREATMENT [14b f]

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.

See left panel for additional Precautionary Statements.

Chemicals, Inc. CARPINTERIA, [Cont under 3rd panel]
Emergency (Health or

[THIRD PANEL]

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add BETZ EnChem 41-J2 at the rate of 10 to 75 pounds per 1000 barrels of water intermittently for 2 to 3 hours per day once per week or daily as needed. (Eat until control is achieved.

SUBSEQUENT DOSE: when microbial control is established, add BETZ EnChem 41-J2 at the rate of 4 to 70 pounds per 1000 barrels of water every 3 days or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add BETZ EnChem 41-J2 at the rate of 10 to 75 pounds per 1000 barrels of water in the system. Continue until control is achieved.

SUBSEQUENT DOSE: Continuously feed BETZ EnChem 41-J2 to maintain a dosage of 4 to 70 pounds per 1000 barrels of water in the system.

PACKER FLUIDS AND DRILLING MUDS[12bf]

Add BETZ EnChem 41-J2 directly to the packer fluid or drilling mud at a 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 contamination.

STORAGE AND DISPOSAL[12bf]

STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.

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

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with COMMENTS
in EPA Letter Dated:

NOV 02 1984

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

48525-2

toxic. Improper disposal of excess pesticide, spray mixture, or rinsate 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 the nearest EPA Regional Office for guidance.

Metal and Plastic Containers[bf]: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay out of smoke.

Fiber Drums with Liners[bf]: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and drum (a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

FOR INDUSTRIAL USE ONLY. Technical advice regarding specific site problems is available from BETZ Energy Chemicals, Inc.

CA 93015
Accident): 215-355-3300

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 02 1984

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

48525-2

1066
PM 31

48525-2

02 NOV 1984

Detz Energy Chemicals
1029 Cindy Lane
Carpinteria, CA 93013

Attention: Robert W. Goodall

Gentlemen:

Subject: Detz En Chem 41-J2
EPA Registration No. 48525-2
Your Submission Dated August 16, 1984

We have reconsidered our comments in regard to the proposed labeling for this product and determined that the labeling is acceptable. A stamped copy is enclosed for your records.

The revised Confidential Statement of Formula agrees with the label and is acceptable.

It should be noted that a new policy with respect to effluent discharge statements was approved on September 11, 1984, for use on manufacturing use pesticides and end-use products with discharge potential. The purpose of this change in policy is to eliminate any inconsistencies between pesticide label statements prohibiting discharge into lakes, streams and ponds and NPDES permits issued by the NPDES-authorized states and the Office of Water Enforcement and Permits which allowed for discharge of effluents containing pesticides. If you wish, you may revise the Environmental Hazard Section of your label as indicated below when new labels are printed.

This product 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 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

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

plant authority. For guidance contact your State Water Board or 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.

Sincerely yours,



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

Enclosure

RD/DIS:Job-50649:J.Lee:RD-15:eg:Kendrick & Co.:898-1270:10/29/84:Del.11/7/84

GO]BETZ

ENERGY
CHEMICALS,
INC.

BETZ EnChem[R] 41-J2 Microbial Control Agent

[FIRST PANEL]

PRECAUTIONARY STATEMENTS[14b1]

HAZARDS TO HUMANS AND[12b1]
DOMESTIC ANIMALS[12b1]

DANGER[18b1]

HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. Causes eye damage and skin irritations. Do not inhale 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. Immediately remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS[14b1]

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[14b1]

Combustible. Do not use, pour or store near heat or open flame.

DIRECTIONS FOR USE[14b1]

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

For 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.

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with COMMENTS
in EPA Letter Dated

NOV 02 1984

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

48525-2

BEST AV.

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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.

SEVERELY FOULED SYSTEMS should be cleaned before treatment is begun.

(Directions for Use continued on third panel.)

REGISTRATION NO. 8406

BEZ Energy [cont under 2nd & 3rd column]

Business Phone: 805-684-6991

[SECOND PANEL]

Contents: LIQUID

Active Ingredients:

Dodecylguanidine hydrochloride ..	10.0%
Methylenebis (thiocyanate)	5.0%
Inert Ingredients*.....	85.0%
Total	100.0%

*Inert ingredients include solubilizing and dispersing agents.

EPA Reg. No. 48525-2

WEIGHT PER GALLON OF PRODUCT
9.2 Pounds (b2F)

NET WEIGHT OR VOLUME
AS MARKED ON CONTAINER

KEEP OUT OF REACH OF CHILDREN [12bF]

DANGER [18bF]

STATEMENT OF PRACTICAL TREATMENT [14bF]

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 to fresh air.

BEST AVAILABLE COPY

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

48525-2

of ingestion, immediately con-
physician.

Material Safety Data Sheet contain-
ing more detailed information relative
to this product is available upon re-
quest.

See left panel for additional Precautionary
Statements.

Chemicals, Inc. CARPINTERIA, [Con't under 3rd panel]
Emergency (Health or

[THIRD PANEL]

INTERMITTENT OR SLUG METHOD
INITIAL DOSE: When the system is notice-
ably fouled, add BETZ EnChem 41-J2 at the
rate of 10 to 75 pounds per 1000 barrels
of water intermittently for 2 to 8 hours
per day once per week or daily as needed.
eat until control is achieved.

SUBSEQUENT DOSE: when microbial control
is established, add BETZ EnChem 41-J2 at the
rate of 4 to 70 pounds per 1000 barrels
of water every 3 days or as needed to
maintain control.

CONTINUOUS FEED METHOD
INITIAL DOSE: When the system is notice-
ably fouled, add BETZ EnChem 41-J2 at the
rate of 10 to 75 pounds per 1000 barrels of
water in the system. Continue until control
is achieved.

SUBSEQUENT DOSE: Continuously feed BETZ
EnChem 41-J2 to maintain a dosage of 4 to
70 pounds per 1000 barrels of water in the system.

PACKER FLUIDS AND DRILLING MUDS [12b1]

Add BETZ EnChem 41-J2 directly to the packer fluid
or drilling mud at a 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 contamina-
tion.

STORAGE AND DISPOSAL [12b1]

STORAGE: Keep container tightly closed. Protect
from freezing. Store in a dry place. Do not store
at elevated temperatures.

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

Pesticide wastes are...

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act
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registered under EPA Reg. No.
48525-a

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ic. Improper disposal of excess pesticide, spray mixture, or rinsate 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 the nearest EPA Regional Office for guidance.

Metal and Plastic Containers[bf]: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay out of smoke.

Fiber Drums with Liners[bf]: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then 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 INDUSTRIAL USE ONLY. Technical advice regarding specific site problems is available from BETZ Energy Chemicals, Inc.

CA 93013
Accident): 215-355-3300

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48525-2