

10F4

FILE NUM: DX886X.EPA

4/4/84

[LOGO] BETZ BETZ EnChem DX-886 Chlorine Dioxide Precursor
ENERGY MICROBIAL
CHEMICALS, CONTROL
INC. AGENT

(FIRST PANEL)

PRECAUTIONARY STATEMENTS[14bf]

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

DANGER[18bf]

CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. Do not take internally. Do not get into eyes, on skin or on clothing. Do not inhale vapor or mist. Use with adequate ventilation. Wear rubber gloves, goggles and face shield when handling. Immediately remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS[14bf]

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 product only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS[14bf]

CHEMICAL HAZARD: STRONG OXIDIZING AGENT. Contact with combustible material may cause fire. Keep away from fire, heat and open flame. Do not permit to dry. May ignite if dried. Clothing contaminated with chlorite or its solutions are dangerously flammable. If spilled, flush spillage to drain with large quantities of water.

DIRECTIONS FOR USE[14bf]

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

BETZ EnChem DX-886 may be used, as is, as a bactericide to prevent the formation of bacterial slimes and sulfide producing bacteria in oil field systems.

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ACCEPTED
with COMMENTS
in EPA Letter Dated:
48525-6
JUN 6 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
48525-6

48525-6

EnChem DX-856 may also be used as a precursor to generate chlorine dioxide for use as a bactericide for oil field systems. It is particularly effective in killing sulfate-reducing and slime-forming bacteria.

Feed rates and the exact dosage will depend upon the severity of contamination and the degree of control desired. EnChem DX-856, as is, or generated chlorine dioxide may be added to the system either intermittently or continuously below the surface of the liquid at a point where good mixing will occur.

(Directions for Use continued on third panel.)

ENGCH033-8404

Business Phone: 805-684-6991 ESTZ Energy Chemicals, Inc. [Cont'd bottom 2nd panel.]

(SECOND PANEL)

Contents: LIQUID

Active Ingredient:

Sodium chlorite25.0%

Inert Ingredients:.....75.0%

Total.....100.0%

This must appear on the front panel

EPA Reg. No. 48525-

WEIGHT PER GALLON OF PRODUCT
10.3 POUNDS (46F)

NET WEIGHT OR VOLUME
AS MARKED ON CONTAINER

KEEP OUT OF REACH OF CHILDREN [125f]

DANGER [145f]

STATEMENT OF PRACTICAL TREATMENT [145f]

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 ingestion, do NOT induce vomiting. Immediately contact physician. Never give anything by mouth to an unconscious person.

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48525-6

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

See left panel for additional Precautionary Statements.

CARPINTERIA, CA 93013 Emergency (Health or [Cont'd bottom 3rd panel.]

(THIRD PANEL)

Before using this product to generate chlorine dioxide, consult with your BETZ Energy Chemicals representative. Process fact sheets describing the operation of BETZ EnChem chlorine dioxide generators are available upon request.

BADLY FOULED SYSTEMS should be cleaned before treatment is begun.

Normal treating methods include the following:

OIL FIELD WATER SYSTEMS [12b-f]

INTERMITTENT METHOD

Treatments once or twice a day for 2-4 hours of EnChem DX-886 to generate chlorine dioxide at the rate of 50 to 200 ppm (300 to 1200 ppm EnChem DX-886) are generally effective in controlling bacteria that cause corrosion, particularly sulfate-reducing bacteria. Some waters require much more frequent treatments at the source wells. Plus treatments at a level of 400 ppm chlorine dioxide for periods greater than 4 hours may be utilized in cases of severe contamination.

Treatments two to three times a day of EnChem DX-886, as supplied, directly to the system at a rate of 10-200 ppm are generally effective.

CONTINUOUS METHOD

Continuous injection of chlorine dioxide generated from EnChem DX-886 at the rate of 5 to 50 ppm is normally required to overcome microbiological plugging problems in waterflood (source and produced waters) or disposal systems.

EnChem DX-886, as supplied, may also be continuously fed to the system at the rate of 10 to 100 ppm.

STORAGE AND DISPOSAL [12b-f]

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 acutely hazardous and/or toxic. Improper

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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.

Accident): 215-355-3300

(FOURTH PANEL)

corrosive diatom
DOT Proper Shipping Name[bf]
SODIUM CHLORITE SOLUTION[bf]

UN 1908[bf]

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<p>U.S. ENVIRONMENTAL PROTECTION AGENCY 401 PENTAGON BUILDING WASHINGTON, D.C. 20460</p> <p>NOTICE OF PESTICIDE Registration / Reregistration / Renewal</p>	<p>EXEMPT FROM REGISTRATION</p>	<p>STATE OF RESIDENCE</p>
<p>NAME AND ADDRESS OF REGISTRANT (PRINT)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p style="text-align: right;">BEST DOCUMENT AVAILABLE</p>		
<p>NOTE: Changes in labeling, formula, formulation, or other information that is 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.</p>		
<p>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.</p>		
<p>A copy of the label for registration is attached to this registration. Reregistration is returned herewith.</p>		
<p>Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator may at any time suspend, cancel, or amend the registration of a pesticide in accordance with the Act. It is the responsibility of the registrant in connection with the registration of a product under this Act to make certain that the name of the product and the name of the nature or to its use, if it has been covered by other...</p>		
<p><input type="checkbox"/> AT A GLANCE</p>		
<p>SIGNATURE OF REGISTRANT</p>	<p>DATE</p>	