BETZ®

ENERGY CHEMICALS.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

DANGER

CORROSTUE, CAUSES SKIN AND EYE BURNS. HARN-FUL OR FATAL IF SHALLDHED. DO NOT TAKE IN-TERMALLY.00 NOT GET INTO EYES, ON SKIN OR ON CLOTHING. DO NOT INHALE VAPOR OR MIST. USE WITH ADEQUATE VERTILATION, WEAR RUBBER CLOUES, COCCLES AND FACE SHIELD WHEN HAN-DLING. IMMEDIATELY RENOUE AND WASH CONTAM-INATED CLOTHING BEFORE REUSE. MASH THOR-OUGHLY AFTER HANDLING.

ENVIRONMENTAL HAZAROS THIS PESTICIOE IS TOXIC TO FISH AND HILDLIFE DO NOT APPLY IN MARINE AND/OR ESTUARINE OIL FLELDS.OD NOT DISCHARGE EFFLUENT CONTAINING THIS ACTIVE INCREDIENT INTO LAKES, STREAMS, PONDS, ESTUARIES, OCEANS, OR PUBLIC WATERS UN-LESS THIS PESTICIDE IS SPECIFICALLY IDENTI-FLED AND ADDRESSED IN AN INPOES PERMIT DO NOT DISCHARGE EFFLUENT CONTAINING THIS PESTICIDE TO SENER SYSTEMS WITHOUT PREVIOUSLY NOTIFY-INC THE SENAGE TREATMENT PLANT AUTHORITY. FOR CUIDANCE CONTACT YOUR STATE-MATER BOARD OR REGIONAL OFFICE OF THE EPALAPPLY-THIS PES-TICIDE ONLY AS SPECIFIED ON THIS LABEL.

PHYSICAL AND CHEMICAL HAZARDS CHEMICAL HAZARD: STRONG OXIDIZING AGENT. CONTACT WITH COMBUSTIBLE NATERIAL MAY CAUSE FIRE. KEEP AWAY FROM FIRE, HEAT AND OPEN FLAME. DO NOT PERMIT TO DRY. NAY IGNITE IF ORLED. CLOTHING CONTANINATED WITH CHLORITE OR ITS SOLUTION ARE DANGER-OUSLY FLAMMABLE. IF SPILLED, FLUSH SPILL-AGE TO ORAIN WITH LARGE QUANTITIES OF WATER.

LBS

FOR INDUSTRIAL USE. Technical advice regarding specific site problems is available from BETZ. RAGEPA RAGS

ENCHEM

CHLORINE DIOXIDE PRECURSOR HICROBIAL CONTROL ACENT

Active Imeredient: Sedive Chlorite.................25.07 Tetal 106.67

CONTENTS: LIQUID

POUNDS PER CALLON: 10.3 (60F) EPA REG. NO.: 48525-16

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN 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 eges, flush promptly and thoroughly with cleap mater for at least 15 minotes. Immediately contact physician.

In case of ingestions do NOT induce voniting. Inmediately contact physician. Never give anything by mouth to an unconscisos persen.

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

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a wanner 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 mater:food or feed by storage or disposal.Pesticide mastes are acutely bazardous and/or toxic.Improper disposal of excess pesticide, spray mixture, or rimsate is a miniation of Federal law. If these wastes cannot be disposed of by ose according to label instructions, contact your State Festicide or Empironmental Control Agency or the Hazardous Haste 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 samitary liziéfiller incinerate er bern if allemed by state and local authorities. If berned, stay out of smote.

FIRER DRUMS WITH LIMERS:Completely empty limer by shaking and tapping sides and bottom to Jousen clinging particles. Empty residue into application equipment. Then dispose of liner and draw in a sanitary landfill or incinerate if allowed by state and local authorities. Do net reuse empty drum or liner.

DIL FIELD WATER SYSTEMS

This product may be used, as is, as a bactericide to prevent the fermalism of bacterial slines and sulfide producing bacteria in all field systems. This product may also be used as a precessor to generate chlorine dioxide for use as a bactericide for oil field sestems. It is particularly effective in Killing sulfate-reducing and sline-forming bacteria.

Feed rates and the exact dosage will depend upon the severity of contamination and the degree of control desired. This product, 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.

Before using this product to generate chlorine dioxide, consult with your BETZ Emergy Chemicals representative. Process fact sheets describing the operation of BETZ EnChem chlorine dioxide generators are available upon request. SADLY FOULED SYSTEMS should be cleaned before treatment is begun.

Normal treating methods include the following: INTERMETTENT METHOD

BEST AVAILABLE COPY Treatments once or twice a day for 2-4 hours of this product to generate chlorine dioxide at the rate of 50 to 200 ppm (300 to 1200 ppm this product) are generally effective in controlling bacteria that cause corresion, particularly sulfate-

reducing bacteria. Some waters require much more frequent treatments at the source wells. Slug 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 this product, as supplied, directly to the system at a rate of 10-200 ppm are generally effective.

CONTINUOUS NETHOO

Continuous injection of chlorine dioxide generated from this product at the rate of 5 to 50 ppm is normally required to overcome microbiological plugging problems in naterflood (source and produced naters) or disposal systems.

This product, as supplied, may also be continuously fed to the system at the rate of 10 to 100 ppm.

ACCEPTED

SEP 19 1988

Under the Pederal Ir sorticide. Fungicide, and Rodunta in Act. as amended, for the posactic t registered under 125-16.