

Reg # 9804-5

PM-32

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ACCEPTED
JUL 23 1979
9804-5

UNDER THE FEDERAL INSECTICIDE
 FUNGICIDE AND RODENTICIDE ACT
 FOR A TOXIC POISON REGISTERED
 TO THE EPA

DIRECTIONS FOR USE WITH WATER AND ICE

FOR GENERAL USE:

1. In water for the improvement of taste and odor, and for inhibiting of bacteria growth. 10-50 ppm
2. In ice, as a sanitizer, made from potable water for use in drinking glasses and cups. 20 ppm
3. In individual ice flaking and cubing machines to inhibit bacterial slime build-up. 20 ppm

FOR COMMERCIAL USE:

1. In ice plants to inhibit bacteria and slime build-up on ice-making equipment. 40 ppm
2. As a bacteriostat in ice. 40 ppm

FOR HOSPITAL AND INSTITUTIONAL USE:

1. As a sanitizer in ice, made from potable water, while in ice storage equipment. 20 ppm

**DILUTION CHART
U.S. MEASURE**

**DILUTION CHART
METRIC**

CLO	CLO
10 ppm-.032 fl. oz. per gal.	10 ppm-. 25ml per liter
20 ppm-.064 fl. oz. per gal.	20 ppm-. 5 ml per liter
30 ppm-.096 fl. oz. per gal.	30 ppm-. 75ml per liter
40 ppm-.128 fl. oz. per gal.	40 ppm-.1ml per liter
50 ppm-.16 fl. oz. per gal.	50 ppm-.1 25ml per liter

U.S. Patents: 2,701,781; 3,271,242, 3,278,447

BIO-CIDE CHEMICAL CO., INC.
 P.O. BOX 2700
 NORMAN, OKLAHOMA 73070

PUROGENE®

DEODORIZER AND SANITIZER

INHIBITS THE GROWTH OF BACTERIAL COLONIES

FOR COMMERCIAL AND INSTITUTIONAL USE ONLY

Active Ingredient Chlorine Dioxide	4.00%
Sodium Carbonate	.17%
Inert Ingredient	95.83%
(Available Chlorine - 10.52%)	

EPA REG. NO. 9804-5
Est. No. 9804 OK 01

CAUTION
KEEP OUT OF REACH OF CHILDREN

STORE IN COOL, DARK PLACE
KEEP FROM FREEZING

CONTENTS: 640 Fl. Oz. (5 gals)

DIRECTIONS FOR USE IN DRILLING FLUIDS

PUROGENE is added directly to the mud pit by an injection pump or can be manually added as required to the mud pit by puncturing the pail and allowing a continuous small flow into the mud pit. Treat continuously by either method until 4 to 6 ppm of PUROGENE can be measured in the drilling fluid filtrate using a CLO: filtration kit.

TREATMENT

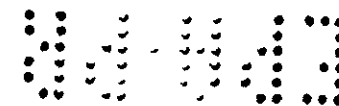
INITIAL: 20-30 gallons PUROGENE 4.6 per 1,000 barrels of drilling fluid.

DAILY MAINTENANCE: For best results, 5 gallons of PUROGENE should be added continuously over two circulations once every 24 hours to maintain a residual level of 4 to 6 ppm PUROGENE.

INSTRUCTIONS FOR USE IN INJECTION FLUIDS

For general oil and gas field fluid injection systems: For the inhibition of bacterial growth 5-50 ppm.

PUROGENE®



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