

DEARCIDE 702

A BACTERIOSTAT AND ALGAEICIDE FOR USE IN OPEN RECIRCULATING COOLING SYSTEMS AND WATER FLOOD SYSTEMS FOR SECONDARY OIL RECOVERY.

ACTIVE INGREDIENT

n-ALKYL (55% C₁₄, 25% C₁₂, 17% C₁₆, 3% C₁₈) METHYLISOQUINOLINIUM CHLORIDE. 25%

INERT INGREDIENTS 75%

DIRECTIONS FOR USE : Shock dosages, 50-100 ppm, of DEARCIDE 702 at weekly intervals will provide control of bacterial slimes and the growth of many of the algae encountered in open recirculating cooling systems. After control is evident, the dosage may be reduced to 30-60 ppm. See Product Bulletin 7212 for additional instructions.

Shock dosages, 50-100 ppm, of DEARCIDE 702 at weekly intervals will provide control of sulfate-reducing bacteria found in brine and fresh water floods. After control is evident the dosage may be reduced.

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes or clothing. In case of skin contact, wash with plenty of soap and water. For eyes, flush with water for 15 minutes and get prompt medical attention. Water treated with DEARCIDE 702 should not be used for food processing, irrigation, or in the manufacture of paper used for food packaging. Do not discharge treated effluent into water containing fish or shellfish.

FOR INDUSTRIAL USE ONLY.

KEEP OUT OF REACH OF CHILDREN

USDA REG. NO. 4643-3

NET WEIGHT

KEEP FROM FREEZING

DEARBORN
CHEMICAL
DIVISION

W. R. GRACE & CO.

Merchandise Mart Bldg. • Chicago, Ill. U.S.A.

ACCEPTED
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4643-3

DEARBORN CHEMICAL DIVISION

GRACE

GENERAL OFFICES - MERCHANDISE MART PLAZA - CHICAGO, ILL.

DEARCIDE™ 702

LIQUID ~~DISINFECTANT~~
MICROBICIDE

EFFECTIVE CONTROL OF SULFATE-REDUCING BACTERIA

DEARCIDE 702 effectively controls sulfate-reducing bacteria in open recirculating and air wash systems. It may also be used in water flood systems for secondary oil recovery.

ADVANTAGES

- **ECONOMICAL** - Control of sulfate-reducing bacteria at low net cost.
- **EASY TO USE** - A liquid heterocyclic quaternary ready for immediate use.
- **NON-CORROSIVE** at use concentrations.
- **COMPATIBLE** with treatments used in cooling towers, air wash systems and secondary oil recovery systems.

~~SAFE - No toxic dust or fumes.~~

TECHNICAL DATA

DOSAGE: The recommended initial dosage of Dearcide 702 ranges from 50 to 100 ppm, depending on the severity of the growth. After control is evident, the dosage may be reduced. *to 30-60 ppm.* Dosage calculations should be based on total water capacity of the system.

Shock dosages of Dearcide 702 at regular intervals are recommended for best results. The retention time of Dearcide 702 within the system and variations in the factors promoting new growths will affect the interval between dosages.

FEEDING: Normally fed at full strength as received. Add Dearcide 702 at any point of rapid circulation in the basin or at the make-up water inlet.

If the use of pumping equipment is desired, Dearcide 702 may be diluted and fed with chemical pumps of standard construction.

Harmful if swallowed.

HANDLING: Keep container closed when not in use. *Do not take internally. Do not use in potable water systems. Avoid prolonged or repeated contact with skin*

or contact with eyes. If material gets on skin, wash off with water and mild soap. If eyes are effected, flood with water for 15 minutes and get medical attention. *Do not liberally treat. Do not put into water containing fish or shellfish.*

PHYSICAL PROPERTIES:

Color	-	Dark Brown
Odor	-	Mildly Aromatic
Density	-	8.78 gal. at 25°C. (77°F.)
pH (1% solution)	-	5.1
Flash Point	-	> 175°F. T.O.C.
Freezing Point	-	20°F. No separation occurs in freezing; when thawed, returns to original homogeneous state.

PACKAGING: Dearcide 702 is shipped from our plant at Lake Zurich, Illinois or from Warehouses in the following containers:

- 55 Gallon Lined Steel Drums (480 lbs. per drum)
- 30 Gallon Lined Steel Drums (261 lbs. per drum)

DEARBORN HAS THE MOST EFFECTIVE AND ECONOMICAL ANSWER TO ALL YOUR COOLING WATER TREATMENT PROBLEMS