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# MAGNACIDE® 450

# OIL FIELD MICROBIOCIDE

5-Chloro—2-methyl—4-isothiazolin—3-one 2-Methyl—4-isothiazolin—3-one INERT INGREDIENTS:	2.6%
TOTAL	100.0%

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN **DANGER** 

CORROSIVE. CAUSES EYE DAMAGE AND SKIN BURNS, MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF INHALED. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.

Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

## **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. 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 plant authority. For guidance contact your State Water Board or Regional Office of the EPA

### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelating solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

Remove immediately to fresh air. If not breathing, apply artificial respiration, if breathing is difficult, give oxygen. Call a physician.

Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF IN EYES Flush with plenty of water for at least 15 minutes. Call a physician

#### NOTE TO PHYSICIANS

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convilsions may be needed

MANUFACTURED BY: BAY & PERFORMANCE CHEMICALS, II DRPORATED 3920 Essex Lane, Houston, Texas 77027

# **DIRECTIONS FOR USE**

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

#### OIL FIELD INJECTION WATERS

For the control of similar forming bacteria and sulfate reducing bacteria in oil field waters, slug treat with 7-36 ppm Magnacide \$50 depending on the severity of contamination

TETTIAL DOSE: Add 18-36 ppm Magnacide 450 (0.75-1.5 gallons or 7 8-15 6 pounds Magnacide 450 per 1000 barrels of E value at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

SUBSEQUENT DOSE: Add 7-18 ppm Magnacide 450 (0.3-0.75 gallons or 3.1-7.9 pounds Magnacide 450 per 1000 barres of water) every seven days or as needed to maintain control

#### INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

Redeminate Act, as amended for high the control of bacteria, algae and fungi add Magnacide 450 to the tower basin, distribution box or some other point to in ure uniform mixing.

> INIT AL DOSE: When the system is noticeably fouled, apply 0.33 to 1.0 pounds (4 to 11 fluid ounces) of Magnacide 450 per 1000 gallons of water in the system. Repeat until control is achieved.

> SUBSEQUENT DOSE: When microbial control is evident, add 0.17 to 0.25 pounds (2 to 3 fluid ounces) of Magnacide 450 per 1000 gallons of water in the system weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

## STORAGE AND DISPOSAL

PROHIBITIONS: The product as supplied evolves gas (largely carbon dioxide) slowly. To prevent build up of presture, the product is packaged in specially vented containers. Keep this product in the original container when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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.

CONTAINER DISPOSAL

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities

PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL: Consult federal, state or local disposal authorities for approved alternative procedures.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but it, ither this warranty nor any other warranty or inerchantability or fitness for a particular purpose, expressed or implied, extends to the use, storage or handling of this product in a manner other than as directed by label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use

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(4/88)

EPA Reg. No. 10707-11

IF INHALED:

IF ON SKIN

MAGNACIDE® 450

(EEA Reg.No.10707-11)

EPA Reg. No.

MAGNACIDE  $^{\textcircled{R}}$  450 is an antimicrobial agent for use as a biocide in oilfield injection waters. MAGNACIDE 450 has been found to be an effective agent against many bacteria including sulfate reducing bacteria as well as Fungi.

#### TYPICAL PHYSICAL PROPERTIES

Form:

Liquid

Specific Gravity @ 25°C:

1.33

Density:

10.4 lbs/gal

Flash Point:

NA

Solubility in water:

complete

pH:

2.0 - 4.0

#### **USE INFORMATION**

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

Oil Field Injection Waters: For the control of slime forming bacteria and sulfate reducing bacteria in oilfield waters.

<u>Initial Dose</u>: Add 18 to 36 ppm MAGNACIDE 450 (0.75 to 1.5 gallons or 7.8 to 15.6 pounds of MAGNACIDE 450 per 1,000 barrels of water) at a point in the system where it will be uniformly mixed. Repeat treatment after three days or as needed until control is achieved.

<u>Subsequent</u> <u>Dose</u>: Add 7 to 18 ppm MAGNACIDE 450 (0.3 to 0.75 gallons or 3.1 to 7.9 pounds of MAGNACIDE 450 per 1,000 barrels of water) every seven days or as needed to maintain control.

#### HANDLING INSTRUCTIONS

Active Ingredients: 5-chloro-2-methyl-4-isothiazolin-3-one 2-methyl-4-isothiazolin-3-one

# KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes eye damage and skin burns. May cause allerdic. Skin reactions. May be harmful if inhaled. May be fatal if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food: Do not take internally. Wash thoroughly after handling.



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Under the fedral Rodenticide Act, as amended, for the particide registered under the PARCE. No.

<u> Magnacide 450 (Continued)</u>

#### FIRST AID

In case of eye contact, flush immediately with copious amounts of water at least 15 minutes with eyes held open. Get prompt medical attention.

In case of skin contact, flush immediately with plenty of water for at least 15 minutes. Shower with soap and water. Launder contaminated clothing before rewearing.

If inhaled, remove victim immediately to fresh air. If breathing has stopped, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

If swallowed and victim is conscious, dilute by giving water to drink; call a physician. Never give anything by mouth to an unconscious person.

#### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

#### ENVIRONMENTAL HAZARDS

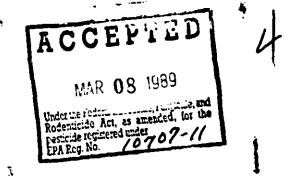
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#### STORAGE AND DISPOSAL

<u>Prohibitions</u>: This product as supplied, evolves gas (largely carbon dioxide) slowly. To prevent build up of pressure, the product is packed in specially vented containers. Keep this product in the original container when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through vent. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

<u>Pesticide Disposal</u>: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal.





Magnacide 450 (Continued)

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.

#### CONTAINER DISPOSAL

Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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

GENERAL: Consult federal, state or local disposal authorities for approved alternative procedures.

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