



5009-39

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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767)

Enclosure

PETROLITE
CORPORATION

TRETOLITE

SAINT LOUIS, MISSOURI 63119

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER Corrosive. Harmful or fatal if swallowed. Vapor harmful. Avoid breathing spray mist or vapors. Do not get on skin. Causes eye damage and skin irritations. Do not get in eyes or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance contact your Regional Office of the EPA.

X-CIDE® 207 Industrial Microbiocide

FOR USE IN INDUSTRIAL PROCESSES ONLY. NOT FOR DOMESTIC USE.

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one	5.36%
2-Methyl-4-isothiazolin-3-one	1.74%

INERT INGREDIENTS:

	93.00%
	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE LEFT COLUMN FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5009
EPA EST. NO. 5009-MO-1; CA-1; TX-1

DIRECTIONS FOR USE

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

RECOMMENDED USE CONCENTRATION: SEE DATA SHEET.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal.

DISPOSAL: Do not reuse empty drum. Triple rinse and return to drum reconditioner or destroy by perforating or crushing and bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. If inhaled, remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

5 Lbs.

GROSS WT.

5009-39

**PETROLITE
CORPORATION**

TRETOLITE DIVISION

**X-CIDE 207
INDUSTRIAL MICROBIOCIDE**

DESCRIPTION:

X-Cide 207 is an effective product for use in the control of slime forming bacteria and sulfate reducing bacteria in oilfield waters. X-Cide 207 is not recommended for potable water or where contamination of potable water can occur.

TYPICAL PROPERTIES:

Active Ingredients:

5-Chloro-2-methyl-4-isothiazolin-3-one	5.36%
2-Methyl-4-isothiazolon-3-one	1.63%
	<u>7.00%</u>

Inert Ingredients: 93.00%

Appearance: Light green to yellow solid

Odor: Mild

Sp. Gravity: 0.67

Density: 5.59 lbs/gallon

Flash Point: >230°F
SFCC

ASTM Pour Point: +30°F

STORAGE:

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

HANDLING:

Danger - X-Cide 207 is 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.

ACCEPTED
with COMMENTS
EPA Letter Dated:

NOV 10 1982

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

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

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DIRECTIONS FOR USE:

The following is a summary of dosage and feeding recommendations for each use of X-Cide 207:

OILFIELD WATERS:

X-Cide 207 is used for the control of slime forming bacteria and sulfate reducing bacteria in oilfield waters.

Treatment: Slug treat with 15-75 ppm X-Cide 207 depending on the severity of contamination. XC-207 can be used in stagnant areas such as storage tanks, sumps and pits. Add 35-75 ppm X-Cide 207 (8.2-17.6 pounds X-Cide 207 per 1000 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.

DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS:

X-Cide 207 is effective in controlling bacteria and fungi in water based drilling muds.

Treatment: X-Cide 207 should be added at 25-500 ppm through the mud hopper or at the pump suction. A typical 50 ppm treatment is 1.75 pounds per 100 barrels into the drilling mud circulating system.

WELL STIMULATION AND FRACTURING:

X-Cide 207 is effective in controlling fungi and bacteria in guar gum based fracturing fluid systems.

Treatment: X-Cide 207 should be added to the storage tanks at 25-500 ppm and circulated. For example, a 50 ppm treatment is 8.75 pounds per 500 barrel fracturing tank.

METALWORKING FLUIDS:

X-Cide 207 is recommended for the control of bacteria and fungi in soluble and emulsifiable type aqueous metal-working fluids, such as emulsified petroleum oils, and formulations containing alcoholic fatty acid, sulfonated red oil, or naphthalene sulfonate.

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Treatment: For the maintenance of a nonfouled system add 0.6 pounds per 1000 gal. of emulsion or 0.6-2.75 pounds every 8-12 weeks. For a noticeably fouled system use initial dosage range of 1.2-2.75 lbs. followed by subsequent maintenance dosages depending upon the treatment level noted above. A higher dosage range and/or increased frequency of treatment may be required depending on rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the metalworking fluid and uniformly dispersed throughout the system.

DISPOSAL:

Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) all containers and, for metal containers, offer for recycling or reconditioning (for plastic containers dispose in an incinerator), or dispose in landfill approved for pesticide containers or bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures.

FIRST AID:

Statement of Practical Treatment:

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

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

If on Skin: 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.

ACCEPTED
with COMMENTS
by EPA Letter Dated:

NOV 10 1962

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, this pesticide
registered under EPA Reg. No.

5009-39

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

EPA Registration Number: 5009-

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September 1982