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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 5009-41	DATE OF ISSUANCE 10 NOV 1982
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT X-Cide 302 Industrial Bactericide	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Patrolite Corporation
 369 Marshall Avenue
 St. Louis, MO 63119

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 5009-41."
- b. The word "acetate" in the active ingredient should be in singular, delete the ending "s."
- c. The following corrected Environmental Hazards statement must appear on both the label and data sheet.

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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

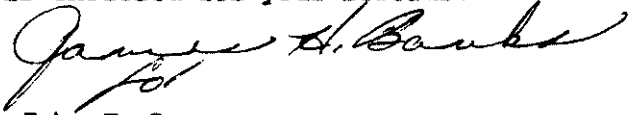
James H. Lee
 for John H. Lee

DATE

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

ACCEPTED
In A Let. Date:
NOV 10 1982

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

SAINT LOUIS, MISSOURI 63119 5009-41

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. 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.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE—Keep away from heat and flame.

X-CIDE® 302 Industrial Bactericide

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

ACTIVE INGREDIENTS:

Alkyl*-1,3 propylene diamine acetates 21.20%

INERT INGREDIENTS: 78.80%
100.00%

*Alkyl as derived from coconut oil fatty acids.

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: 60-1000 PPM OF X-CIDE, AS NEEDED. SEE DATA SHEET.

STORAGE AND 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.

NOTE TO PHYSICIAN

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

55 U.S. GAL. AT 60°F.

GROSS WT.

TRETOLITE DIVISION

**X-CIDE 302
INDUSTRIAL BACTERICIDE**

GENERAL DESCRIPTION:

X-CIDE 302 is a brine soluble, liquid polyamine, semi-polar compound possessing excellent corrosion and bacterial properties.

RECOMMENDED USE:

X-CIDE 302 is recommended for use in non-potable type industrial water systems where bacterial slime and corrosion problems exist. Examples of industrial applications are industrial recirculating water cooling systems, oilfield and petrochemical water injection systems; oilfield producing systems, tanks and disposal systems where the effluent does not drain into streams, lakes, ponds or municipal water systems. X-CIDE 302 is designed to control both aerobic and anaerobic types of bacteria and algae and fungi. Of the aerobic types, it is particularly recommended for the control of so-called "iron bacteria". XC-302 is very effective in controlling the anaerobic "sulfate reducing" bacteria that are responsible for producing large quantities of hydrogen sulfide.

**TREATMENT
RECOMMENDATIONS:**

The Tretolite representative will make a specific recommendation for your system. The following are typical treatment schedules:

Oilfield and Petrochemical Systems:

X-CIDE 302 may be used either in slug treatments or in continuous application. Dosages may vary from 1000 ppm of X-CIDE 302 in slug application to 50-100 ppm of X-CIDE 302 in continuous treatment. (1½ pint per 1000 gallons equals approximately 60 ppm). A typical slug treatment is to add 240 ppm of X-CIDE 302 (2 pints per 1000 gallons of water) at intervals as needed to prevent growth of bacterial slime. Badly fouled systems may be slug treated to establish control, following by continuous treatment of 50-100 ppm to maintain control.

Industrial Recirculating Water Cooling Systems:

Dosages for recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment. Systems which are heavily fouled should be cleaned first. Apply X-CIDE 302 to the cleaned system when regrowth is first noticed according to the following schedule:

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

NOV 10 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
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registered under EPA Reg. No.

5009-41

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Initial Dose: Apply 250 ppm of X-CIDE 302 (2 pints per 1000 gallons of water) in the system. Repeat the dose once, twice or three times a week until control of growth is established.

Subsequent Dose: When control is evident on a continuous basis, add sufficient X-CIDE to maintain 50 to 100 ppm into the blowdown water (7 to 14 fluid ounces per 1000 gallons of water).

Apply X-Cide 302 at a point in the system where it will be uniformly mixed.

TYPICAL PHYSICAL PROPERTIES:

As a corrosion inhibitor, X-CIDE 302 is equally effective as it is a bactericide in preventing acid or saline corrosion attack.

Specific Gravity	0.987
Weight per Gallon	8.22
Flash Point (SFCC)	96°F

SHIPPING:

X-CIDE 302 is shipped in 5 and 55-gallon steel drums, F.O.B., St. Louis, Missouri; Bayport, Texas; or Brea, California.

HANDLING:

X-CIDE 302 is an industrial chemical and all the normal precautions used in handling industrial chemical should be observed. See label for first aid instructions.

EPA Registration Number 5009-

September, 1982

