

DEC 20 1988

Petrolite Corporation
369 Marshall Avenue
St. Louis, MO 63119

Attention: C.S. Letcher

Gentlemen:

Subject: X-CIDE 233 Industrial Microbiocide
EPA Registration No. 5009-42
Your Amendment Dated June 23, 1988

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

- 1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. In the Environmental Hazards section, revise the sentence "Do not discharge into lakes, streams, ponds or public waters in accordance with an NPDES permit" to read:

Do not discharge effluent containing this product 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.

- b. Delete the word "milk."

- 2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

52362:I:DeLaney:L-15:KENCO:12/6/88:01/20/88:CT:VO:CT

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

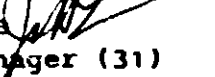
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Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,

John H. Lee 
Product Manager (31)
Antimicrobial Program Branch
Registration Division (TS-767C)

Enclosure

PETROLITE

DEC 20 1988

TRETOLIT
CHEMICALS & SERVICE

PETROLITE OIL FIELD CHEMICALS
369 Marshall Avenue • St. Louis, MO

PETROLITE CORPORATION

Trademark of Petrolite Corporation

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Contains methanol which may cause blindness. Harmful or fatal if swallowed. May be fatal if adsorbed through the skin. Fumes may cause severe irritation to mucous membranes of the respiratory tract and eyes. Product may cause allergic skin or respiratory reactions. Corrosive. Causes eye damage and skin irritation. 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.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE—Keep away from heat and flame.

STATEMENT OF PRACTICAL TREATMENT

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 PHYSICIANS

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

X-CIDE® 233
Industrial Microbiocide

FOR USE IN INDUSTRIAL PROCESSES ONLY. NOT FOR DOMESTIC USE

ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one 0.38%
2-Methyl-4-isothiazolin-3-one 0.12%

Formaldehyde 31.56%

INERT INGREDIENTS: 67.94%
100.00%

DANGER



POISON

KEEP OUT OF REACH OF CHILDREN
DANGER

SEE SIDE LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5009-42
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 the label. **DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS:** X-CIDE 233 is effective in controlling bacteria and fungi. Treatment: X-CIDE 233 should be added at 500-5000 ppm at the pump suction. A typical 500 ppm treatment is used in a mud circulating system.

WELL STIMULATION AND FRACTURING:

X-CIDE 233 is effective in controlling fungi and bacteria in well fluid systems. Treatment: X-CIDE 233 should be added to the storage tank. For example, a 250 ppm treatment is 5.25 gal per 1000 gal.

STORAGE AND DISPOSAL

PROHIBITIONS: This product is corrosive to mild steel and unlined metal containers. Do not contaminate food or feed of equipment.

PESTICIDE DISPOSAL: Pesticide wastes are acutely toxic. Excess pesticide or rinsate is a violation of Federal Law if it is disposed of by use according to label instructions, or by burning, incineration, or other means. Contact your Regional Office for guidance.

METAL CONTAINERS: Triple rinse (or equivalent) then recycle, or puncture and dispose of in a sanitary landfill, or by other means as directed by state and local authorities.

PLASTIC CONTAINERS: Triple rinse (or equivalent) then recycle, or puncture and dispose of in a sanitary landfill, or by other means as directed by state and local authorities, by burning. If burned, contact your Regional Office for guidance.

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

35 U.S. GAL. AT 60°F.