

10707-53

03/01/2005

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

10707-53

Date of Issuance:

MAR 01 2005

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:

X-CIDE 600

Name and Address of Registrant (include ZIP Code):

Baker Petrolite Corporation
12645 West Airport Blvd.
P.O. Box 5050
Sugar Land, TX 77478-5050

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 it 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.

Based on your response to the Reregistration Eligibility Document for Peroxy Compounds RED, EPA has reregistered the above name product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

1. Make the following label changes:

- a. Revise the EPA Registration Number to read "EPA Reg. No. 10707-53".
- b. The word "PELIGRO" must be added to the label, following the signal word.

Signature of Approving Official:

Marshall Swindell, PM 33
Regulatory Management Branch 1
Antimicrobial Division (7510W)

Date:

MAR 01 2005

c. As per the July 7, 2000 acute toxicity review, the "Hazards to Humans and Domestic Animals" statements must be modified as specified below:

Change "Causes Eye Damage and Skin Damage" to "Causes irreversible eye damage or skin burns", and add following statement to read "Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals".

d. As per the acute toxicity review, a "Note to Physician" statement must be added to the label to read:

NOTE TO PHYSICIAN
Probable mucosal damage may contraindicate
the use of gastric lavage.

e. The Storage and Disposal section should be revised as follows:

"STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Keep container tightly closed. Protect from freezing. Store in a dry place.
Do not store at elevated temperatures.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous and/or toxic. Improper disposal....contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

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

Fiber Drum with Liners: completely empty liner by shaking and tapping side and bottom to loosen clinging particles....Do not reuse empty drum or liner."

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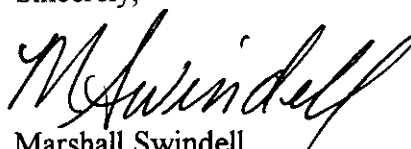
f. Include the statement "Do not apply this product in a way that will contact workers or other persons" to fall directly below the storage and disposal section.

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.

Submit two (2) copies of the final printed labeling for our review. A stamped copy of the label is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Enclosure

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

DANGER: CORROSIVE. CAUSES EYE DAMAGE AND SKIN DAMAGE. Avoid breathing dust. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Applicators and other handlers must wear: long-sleeve shirt and long pants, socks plus shoes, goggles or face shield, and chemical-resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. If pesticide gets inside clothing, remove clothing immediately, wash thoroughly, and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons. This product may be used in terrestrial and off-shore oil drilling muds and packer fluids. All references to ppm are ppm-active ingredient.

WATERFLOOD

To inhibit growth of anaerobic and aerobic bacteria in all waterflood base fluids used in the recovery of oil and gas reservoirs, add **X-CIDE 600** Industrial Microbiocide as a dry product or pre-dissolve in any base fluid, or inject directly at the well head.
FREQUENCY AND DOSE: **X-CIDE 600** Industrial Microbiocide should be added continuously to waterflood fluids or slug-dosed depending on the bottom hole temperature and fluid chemistry at the rate of 25-100 ppm (0.009-0.036 lbs. per barrel) depending on the quality of the base fluid.

ENHANCED OIL RECOVERY (EOR)

For effective control of bacterial growth and eliminating degradation of EOR gels used in the oil and gas industry, add **X-CIDE 600** Industrial Microbiocide during mixing as a dry product or pre-dissolve or add by injection during the EOR procedure.
FREQUENCY AND DOSE: **X-CIDE 600** Industrial Microbiocide should be added throughout the EOR operation at the rate 50-100 ppm (0.018-0.036 lbs. per barrel) depending on the quality of the makeup water.

**X-CIDE® 600
INDUSTRIAL MICROBIOCID**

X-CIDE 600 is a concentrated free-flowing crystalline solid Microbiocide for use in controlling bacteria and algae found in industrial applications. Not for the control of algae in the State of California.

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

ACTIVE INGREDIENTS:
2-Bromo-2-nitropropane-1,3-diol..... 98.45%
INERT INGREDIENTS:..... 1.55%
TOTAL: 100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID	
Call poison control center or doctor immediately for treatment advice. Have the product container or label with you when calling a poison control center doctor, or going for treatment.	
IF SWALLOWED	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center. Do not give anything by mouth to an unconscious person.
IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
IF INHALED	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

EPA Registration Number..... 10707-53
EPA Establishment No. 10707-TX-007, 10707-TX-006, 065307-AR-01

Product Re-packaged and Sold in One Pound Water Soluble Packets
ACCEPTED with COMMENTS in EPA Letter Dated: MAR 01 2005

**BAKER PETROLITE CORPORATION
12645 WEST AIRPORT BLVD.
SUGAR LAND, TX 77478**

EMERGENCY CONTACT (24 HOURS PER DAY): 800-231-3606

DIRECTIONS FOR USE (CONT.)

DRILLING FLUIDS AND WORKOVER AND COMPLETION FLUIDS

To inhibit the growth of cellulolytic, slime-forming or sulfate-reducing bacteria in oil and gas well drilling muds and brines. **X-CIDE 600** Industrial Microbiocide may be used as the solid or pre-dissolved in a quantity of warm water, then dosed directly into the mud or brine.
FREQUENCY AND DOSE: A single slug dose once to three times each 24 hrs. Dosing may be less frequent where contamination is low. Each slug dose should be 0.018 to 0.036 pounds per barrel (approximately 50 ppm - 100 ppm) total mud volume.

PRODUCED WATER

To inhibit the growth of slime-forming or corrosion-inducing sulfate-reducing bacteria in formation water produced by wells together with oil and gas. **X-CIDE 600** Industrial Microbiocide may be used as the solid or pre-dissolved in a quantity of warm water or alcohol, then injected into the water-containing oil and gas stream at any convenient point. It should be injected in slug doses, not as a continuous feed.
FREQUENCY AND DOSE: Depending on severity and rapidity of contamination. **X-CIDE 600** Industrial Microbiocide should be slug-dosed from once a week to once a month with 0.18-0.036 lbs. per barrel.

WELL-SQUEEZE FLUIDS

For the effective control of aerobic and anaerobic bacteria in squeeze fluids and downhole well bore areas, add **X-CIDE 600** Industrial Microbiocide during pre-mixing of the well squeeze fluid or (in the case of direct mix injection systems) an aqueous solution may be added by direct injection at the well head during the well squeeze procedure.
FREQUENCY AND DOSE: **X-CIDE 600** Industrial Microbiocide should be used for each well squeeze operation to ensure best results. Add **X-CIDE 600** Industrial Microbiocide at a rate of 0.21-1.58 lbs/1000 gallons (approximately 25 ppm-190 ppm) depending on the quality of the makeup water.

INJECTION FLUIDS

For the control of contamination and corrosion from bacterial sources in fluids/waste fluids that are disposed of through injection into an approved well following approved guidelines, add **X-CIDE 600** Industrial Microbiocide as a dry product or pre-dissolve in each volume of fluid prior to injection.
FREQUENCY AND DOSE: **X-CIDE 600** Industrial Microbiocide should be added at a rate of 50-100 ppm (0.018-0.036 lbs. per barrel) based on the water present of the injection fluid.

FRACTURING FLUIDS

X-CIDE 600 Industrial Microbiocide reduces bacterial contamination and degradation of fracturing gels and fluids used as well stimulants in the oil and gas industry. **X-CIDE 600** Industrial Microbiocide may be added during pre-mixing of the fracturing fluid or (in the case of direct mix/injection systems) an aqueous solution may be added by direct injection at the head during the fracturing procedure.
FREQUENCY AND DOSE: **X-CIDE 600** Industrial Microbiocide should be used for each fracturing operation to ensure best results. **X-CIDE 600** Industrial Microbiocide should be added at a rate of 0.42-0.84lbs/per 1000 gallons (approximately 50 ppm-100 ppm) depending on the quality of the makeup water.

Rev. 02/05

Read Product Material Safety Data Sheet prior to use. **PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND THEREON.**

Lea la hoja de datos de seguridad de materiales del producto antes de usarlo. LA GARANTIA RESPONSABILIDAD SE ENCUENTRAN EN DICHS DOCUMENTOS. El uso del producto

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 10707-53