

10707-61

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

10707-61

Date of Issuance:

SEP 23 2013

Term of Issuance:

Unconditional

Name of Pesticide Product:

X-Cide 800 Biocide

NOTICE OF PESTICIDE:

x Registration

 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Baker Petrolite Corporation
12645 West Airport Blvd.
Sugar Land, TX 77478

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 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.

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec. 3(c)(5), provided that you:

1. Submit and/or cite all data required for registration/re-registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. A one year study is required to satisfy the storage and stability and corrosion characteristics requirements (Guidelines 830.6317 and 830.6320). You have 18 months from the date of registration to provide these data.

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

Signature of Approving Official:

Jacqueline Campbell
Jacqueline Campbell
Product Manager Team 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

SEP 23 2013

ACCEPTED

SEP 23 2013

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 10707-61

X-CIDE™ 800 BIOCIDIDE

EFFECTIVE MICROBICIDIDE FOR USE IN CONTROLLING BACTERIA INCLUDING SLIME-FORMING BACTERIA AND SULFATE-REDUCING BACTERIA, IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, OIL FIELD WATER SYSTEMS, GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS, AND GAS STORAGE FIELDS AND EQUIPMENT; SUCH AS STEAM-INJECTION WATER HOLDING TANKS, WATER FLOODS AND HYDRAULIC FRACTURING OPERATIONS, INJECTION WATER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER HOLDING TANKS, AND FUEL STORAGE TANKS

ACTIVE INGREDIENTS:	50.0%
Cinnamaldehyde.....	50.0%
OTHER INGREDIENTS.....	50.0%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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, and continue rinsing. Call a poison control center or doctor immediately for treatment advice.
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. Call a poison control center or doctor for treatment advice.
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 by a poison control center or doctor. Do not give anything to an unconscious person.
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 mouth-to-mouth, if possible. Call a poison control center or a doctor for further treatment advice.
Have the MSDS and, if available, the product container or label with you when calling a poison control center, or a doctor, or going for treatment.	
IN CASE OF EMERGENCY endangering life or property involving this product, call 800-231-3606.	

EPA Registration Number..... 10707-61
EPA Establishment Number..... XXXXX-XX-XXX



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER. Methanol may cause blindness. Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear chemical safety goggles, long-sleeved shirt, long pants, shoes, socks and other protective clothing, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Harmful if swallowed. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.

PERSONAL PROTECTIVE EQUIPMENT (PPE):
Wear chemical-resistant gloves, goggles, long-sleeved shirt, long pants, shoes, socks or other protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

USER SAFETY REQUIREMENTS

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove PPE immediately after handling this product. Wash the outside of the gloves before removing. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

Handlers must use a closed system that is designed to prevent dermal and inhalation exposures by removing the product from the container and applying the product via metering pump to the blender. The closed system must function properly and be used and maintained in accordance with the manufacturer's written operating instructions. Handlers must wear the personal protective equipment required on this labeling.

PHYSICAL AND CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame. Do not use with or store near any oxidizing agents. Avoid exposure to excessive heat during storage.
ENVIRONMENTAL HAZARDS
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.

Flammable and/or produced water **MUST NOT be discharged to a Publicly Owned Treatment Water (POTW) facility, but MUST be used in another offfield application or disposed of via deep well injection in accordance with local permits**

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Handle in a well-ventilated area. Store in a dry, cool and well-ventilated area. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use.
PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture 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 your Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.
CONTAINER DISPOSAL:

Non-refillable container: Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/2 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.
Refillable container: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Read Product Material Safety Data Sheet prior to use. PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND ON the Product Material Safety Data Sheet. Unless inconsistent with applicable law, use of Product signifies agreement with these provisions. Lea la Hoja de Seguridad del Producto antes de usarlo. LA GARANTIA DEL PRODUCTO, DECLINACION Y LIMITACION DE RESPONSABILIDAD SE ENCUENTRAN en la Hoja de Seguridad del Producto. A menos de que sea inconsistente con las disposiciones.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
DIRECTIONS FOR USE
FOR CLOSED MIXING AND LOADING SYSTEMS ONLY

WATER FLOODS AND HYDRAULIC FRACTURING OPERATIONS
Add X-CIDE 800 Biocide to oilfield water at a point of uniform mixing. Initial Treatment: When the system is noticeably contaminated, add 0.09 to 4.5 gallons of this product per 1,000 gallons oilfield water (100 to 5,000 ppm of X-CIDE 800 Biocide or 50 to 2,500 ppm of Cinnamaldehyde) to the system. Repeat until control is achieved.
Subsequent Dosage (for addition to fracturing water tank): When microbial control is evident, add 0.02 to 4.5 gallons of this product per 1,000 gallons oilfield water (20 to 5,000 ppm of X-CIDE 800 Biocide or 10 to 2,500 ppm of Cinnamaldehyde) to the system weekly, or as needed to maintain control.

NOTE: Treatment must not exceed 5,000 ppm of X-CIDE 800 Biocide or 2,500 ppm of Cinnamaldehyde

DRILLING, COMPLETION, AND WORKOVER FLUIDS

Add X-CIDE 800 Biocide to a drilling fluid system at a point of uniform mixing such as the circulating mud tank. Initial Treatment: Add 0.2 to 3.8 gallons of this product per 100 barrels of fluid (50 to 1,000 ppm of X-CIDE 800 Biocide or 25 to 500 ppm of Cinnamaldehyde) to a freshly prepared fluid depending on the severity of contamination. Maintenance Dosage: Maintain a concentration of 50 to 1,000 ppm of this product (or 25 to 500 ppm Cinnamaldehyde) by adding 0.2 to 3.8 gallons of this product per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

Add X-CIDE 800 Biocide to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 0.2 to 2.3 gallons of this product per 100 barrels of fluid (50 to 600 ppm of X-CIDE 800 Biocide or 25 to 300 ppm Cinnamaldehyde) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the well between the casing and production tube.

GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

Add X-CIDE 800 Biocide to a gas production or transmission pipeline via direct injection. Conduct the application to ensure maximum distribution of this product throughout the entire internal pipeline surface by adding a sufficient amount of biocide to detect/measure a residual concentration at the back end of the pipeline system. Criteria for success of the treatment will be a reduction in bacterial counts and/or reduced corrosion rates. To facilitate application, it may be desirable to dilute this product with an appropriate solvent immediately before use. The concentration in the solvent must not fall below an active concentration range of 500 to 5,000 ppm based on the volume of the solvent in the pipeline. Injections to system should be weekly, or as needed to maintain control.

GAS STORAGE WELLS AND SYSTEMS

Treat individual injection wells with a sufficient quantity of X-CIDE 800 Biocide to produce a concentration of 500 to 5,000 ppm when diluted by the water present in the formation. Injection make lake before gas is injected (during the summer). Repeat injections yearly, or as needed to maintain control. Individual dips should be treated with a sufficient quantity of this product to produce a concentration of 200 to 2,000 ppm when diluted by the water present in the drip. Injections should be repeated yearly, or as needed to maintain control.

HYDROTESTING

Add 0.09 to 3.6 gallons of X-CIDE 800 Biocide to 1,000 gallons of water (100 to 4,000 ppm of X-CIDE 800 Biocide or 50 to 2,000 ppm Cinnamaldehyde) used for hydrotest pipelines or vessels, depending on water quality and length of time the equipment will remain idle.

PIPELINE PIGGING AND SCRAPING OPERATIONS

Add X-CIDE 800 Biocide to a slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Add a sufficient amount of this product to produce a concentration of 0.1 to 1% (0.09 to 0.9 gallon of X-CIDE 800 Biocide per 100 gallons water), depending on the length of the pipeline and the severity of biofouling.

NET CONTENTS: As Marked on Container

Lot No.: as marked on container

Manufactured By:
BAKER PETROLITE CORPORATION
12845 West Airport Blvd.
Sugar Land, TX 77478

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