

10707-41

8/21/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

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

AUG 21 2013

Attention: George Katsigras  
Senior Registration Specialist

**Subject: X-CIDE 105 Industrial Bactericide**  
EPA Registration No. 10707-41  
Notification Dated July 31, 2013

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

**Proposed Notification**

- Minor Label Changes
- To add the following alternate brand names:

X-CIDE™ 105	ADDFRAC X-CIDE™ 105 Biocide
X-CIDE™ 105 Biocide	X-CIDE™ 105FB Industrial Bactericide
X-CIDE™ 105FB	X-CIDE™ 105FB Biocide

**General Comment**

Based on a review of the submitted material, the following comments apply:

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

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  
Antimicrobials Division (7510P)



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

- Registration  
 Amendment  
 **Other NOTIFICATION**

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number <b>10707-41</b>	2. EPA Product Manager <b>Marshall Swindell</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>X-CIDE™ 105 Industrial Bactericide</b>	PM# <b>33</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>BAKER PETROLITE CORPORATION 12645 West Airport Boulevard Sugar Land, TX 77478</b>	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____  Product Name _____	

Check if this is a new address

**Section - II**

- Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_  
 Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application  
 Notification - Explain below.  Other - Explain below

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

**APPLICATION FOR NOTIFICATION: MINOR LABEL CHANGES**

**Notification of Minor Label Changes in Accordance With PR Notice 1998-10**

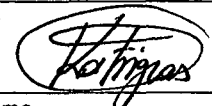
*This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be the subject to enforcement action and penalties under sections 12 and 14 of FIFRA.*

Signature:  Date: 31-July-2013  
**THIS SUBMISSION IS NOT SUBJECT TO PRIA FEES**

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* <b>Certification must be submitted</b>		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).			
Name <b>George Katsigras</b>	george.katsigras@bakerhughes.com	Title <b>Sr. Registration Specialist</b>	Telephone No. (Include Area Code) <b>281.276.5726</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received  <b>(Stamped)</b>
2. Signature 		3. Title <b>Sr. Registration Specialist</b>	
4. Typed Name <b>George Katsigras</b>		5. Date <b>31 - July - 2013</b>	



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# X-CIDE™ 105 Industrial Bactericide

## Alternate Brand Names:

- X-CIDE™ 105
- ADDFRAC X-CIDE™ 105 Biocide
- X-CIDE™ 105 Biocide
- X-CIDE™ 105FB Industrial Bactericide
- X-CIDE™ 105FB
- X-CIDE™ 105FB Biocide

A HIGHLY EFFECTIVE MICROBIOCIDE FOR USE IN CONTROLLING BACTERIA INCLUDING SLIME-FORMING BACTERIA AND SULFATE-REDUCING BACTERIA, FUNGI (YEAST AND MOLDS) AND ALGAE IN OIL WELL DRILLING, OIL FIELD PROCESSING APPLICATIONS, OIL FIELD WATER SYSTEMS, OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS, AND GAS STORAGE FIELDS AND EQUIPMENT; SUCH AS, STEAM-INJECTION WATER HOLDING TANKS, FLOOD WATER, FRACTURING FLUIDS, INJECTION WATER, HOLDING POND WATER, DISPOSAL-WELL WATER, WATER HOLDING TANKS, FUEL STORAGE TANKS AND RELATED REFINERY AND OIL FIELD CLOSED, INDUSTRIAL RECIRCULATING WATER HANDLING SYSTEMS.

### FOR USE IN INDUSTRIAL PROCESSES ONLY.

#### NOT FOR DOMESTIC USE.

ACTIVE INGREDIENT:	
Glutaraldehyde.....	50.0%
INERT INGREDIENTS:.....	50.0%
TOTAL: .....	100.0%

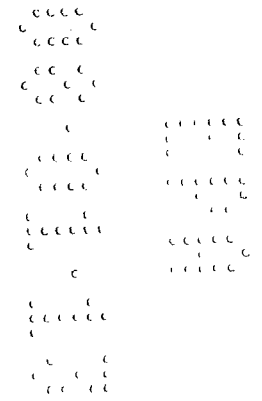
## KEEP OUT OF REACH OF CHILDREN

# DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

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

EPA Registration Number 10707-41  
 EPA Establishment Number: xxxxx-xx-xx



**Manufactured by:****BAKER PETROLITE CORPORATION**

12645 WEST AIRPORT BLVD.

SUGAR LAND, TX 77478

**EMERGENCY CONTACT (24 HOURS PER DAY): 800-231-3606****PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Danger. Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not get in eyes, on skin, on clothing. Avoid breathing vapor. Do not swallow. Wear goggles, protective clothing, and butyl or nitrile gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. This product 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 the labeling.**

**WATER FLOODS**

This product must be added to a water flood system at a point of uniform mixing. Initial Treatment: When the system is noticeably contaminated, add 100 to 5,000 ppm this product to the system (0.09 to 4.4 gallons this product per 1,000 gallons flood water). Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add 20 to 5,000 ppm this product (0.02 to 4.4 gallons this product per 1,000 gallons flood water) to the system weekly, or as needed to maintain control.

**FRAC FLUIDS** [this use is not registered for use in the State of California]

This product reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add this product to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole. Dose Range: this product must be added at a rate of 100 to 5000 ppm (0.9 – 44.3 gals per 10,000 gallons) depending on the degree of bacterial fouling in the source water.

**DRILLING, COMPLETION, AND WORKOVER FLUIDS**

This product must be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank. Initial treatment: Add 50 to 1,000 ppm this product (0.2 to 3.7 gallons of this product per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Maintenance dosage: Maintain a concentration of 50 to 1,000 ppm this product by adding 0.2 to 3.7 gallons of this product per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

**PACKER FLUIDS**

This product must be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 50 to 600 ppm this product (0.2 to 2.2 gallons of this product per 100 barrels of fluid) to a freshly prepared fluid, depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production tube.

### **GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS**

This product must be added to a gas production or transmission pipeline via direct injection. The application must be conducted to ensure maximum distribution of this product throughout the entire internal pipeline surface by adding 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 water in the pipeline. Injections to the system must be weekly, or as needed to maintain control.

### **GAS STORAGE WELLS AND SYSTEMS**

Individual injection wells must be treated with a sufficient quantity of this product to produce a concentration of 500 to 5000 ppm this product when diluted by the water present in the formation. Injection must take place before gas is injected (during the summer). Injections must be repeated yearly, or as needed to maintain control. Individual drips must be treated with a sufficient quantity of this product to produce a concentration of 200 to 2000ppm this product when diluted by the water present in the drip. Injections must be repeated yearly, or as needed to maintain control.

### **HYDROTESTING**

Water used to hydrotest pipelines or vessels must contain 100 to 4,000 ppm this product (0.09 to 3.5 gallons of this product per 1,000 gallons water), depending on water quality and length of time the equipment will remain idle.

### **PIPELINE PIGGING AND SCRAPING OPERATIONS**

Add this product 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). Sufficient this product must be added to produce concentration of 0.1 to 1% (0.09 to 0.9 gallon of this product per 100 gallons water), depending on the length of the pipeline and the severity of biofouling.

### **STORAGE AND HANDLING**

**STORAGE:** This product is incompatible with many commonly used materials or construction such as steel, galvanized iron, aluminum, tin, and zinc. This product can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about -6F (-21C). Therefore unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100F (37.8C) can be tolerated but the preferred maximum storage temperature is about 80F (26.7C).

Handle in a well-ventilated area. If vapors are irritating to the nose or eyes, special ventilation or respiratory protection (MSHA/NIOSH approved air purifying respirator equipped with an organic cartridge) may be required.

### **STORAGE AND DISPOSAL**

**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 Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

*Text for non-refillable containers*

**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.

For containers of 5 gallons or less. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water

