

1448-243

3/18/2009

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



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

**Buckman Laboratories, Inc.**  
**1256 N. McLean Blvd.**  
**Memphis, TN 38108**

MAR 18 2009

**Attention: Carl F. Watson, Ph.D**  
**Senior Regulatory Toxicologist**

**Subject: WFT-78 Microbicide**  
**EPA Registration No. 1448-243**  
**Amendment Dated February 25, 2009**

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

- Label Amendment: Change in source EPA Est.No.

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

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

Sincerely

A handwritten signature in black ink that reads "Marshall Swindell".

**Marshall Swindell**  
**Product Manager (33)**  
**Regulatory Management Branch 1**  
**Antimicrobials Division (7510P)**

Enclosure



# WFT-78 MICROBICIDE

2/4

A liquid antimicrobial agent for use in controlling microbial contamination in latex emulsions and water dispersible paints, water based metal working fluids and the preservation of drilling muds and workover and completion fluids.

### ACTIVE INGREDIENT(S)

Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine..... 78.5%

INERT INGREDIENTS..... 21.5%

TOTAL..... 100.0%

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## KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID	
If in Eyes	- 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. - Call a poison control center or doctor for further treatment advice.
If on Skin, Clothes	- 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	- Call 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 or doctor. - Do not give anything by mouth to an unconscious person.
If Inhaled	- 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. - Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

### Precautionary Statements

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes severe eye and skin damage. Harmful or fatal if swallowed. May cause skin sensitization. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing, and chemical resistant rubber gloves when handling. Wash thoroughly with soap and water after handling, and before eating, drinking or using tobacco. Remove contaminated clothing and wash separately before re-use.

Applicators and other handlers must wear long-sleeve shirt and long pants, socks plus shoes, and chemical resistant gloves. Do not apply this product in a way that will contact workers or other persons. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If there are no such instructions, for washables use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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:** 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste.

**Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
**LATEX EMULSIONS AND WATER DISPERSIBLE PAINTS:** Add 0.1% (1000 ppm) to the emulsion or paint at any convenient time during the manufacturing operation. 1 gallon of product to 1000 gallons of paint added in areas of the manufacturing process that will allow thorough mixing of the biocide and paint will provide this dose rate.

**WATER-BASED METALWORKING FLUIDS:** For best results drain and clean the system before adding fresh metal working fluid. To inhibit the growth of bacteria add 0.04 to 0.2% (400–2000 ppm) of WFT-78 MICROBICIDE directly to the use-diluted fluid in the metal cutting/grinding machinery sump to allow thorough mixing of the product and diluted fluid. For example, 0.16 pints of product to 10 gallons of metalworking fluid will provide a dose rate of 2000 ppm. Allow to circulate for about one hour before shutdown. For the addition of any make-up fluid add the product at the same rates as above to use-diluted fluid and mix thoroughly before addition to the system. Treatment of the in-use diluted metalworking fluid should be repeated every four weeks, or more frequently if excessive contamination occurs.

WFT-78 MICROBICIDE may be incorporated in metalworking fluid concentrate at a level that will provide 0.04 to 0.2% product concentration when the fluid is diluted with water for use. The concentrate manufacturer should ensure that any incompatibility will not affect efficacy. Not for use in non-aqueous concentrates.

**PRESERVATION OF DRILLING MUDS AND WORKOVER AND COMPLETION FLUIDS:** Add sufficient volume to give a concentration of 500–1000 ppm WFT-78 MICROBICIDE by weight in the drilling mud system, workover or completion fluid. For example, 21–42 gallons per each 1000 barrels of drilling mud provides these concentrations. The dose rate in all instances is dependent on the expected initial and on-going level of contamination.

**-DRILLING MUDS:** While the system is circulating, add the WFT-78 MICROBICIDE in a thin stream. Add additional product to maintain the proper concentration as the total volume of the system increases with the well depth.

**-WORKOVER FLUIDS:** Add WFT-78 MICROBICIDE into the system and circulate the workover fluid system until the fluid returns clear. Shut the system down and idle for several hours. Remove the workover fluid. The well should be ready for productive use.

**-COMPLETION FLUID:** Add WFT-78 MICROBICIDE to the completion fluid prior to pumping into the well system.

**CONDITIONS OF SALE AND WARRANTY**

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risk inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of the Seller. All such risks shall be assumed by the Buyer. The manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to above.

**THE MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

The manufacturer offers this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative.

**Storage and Disposal**

Do not contaminate water, food, or other articles by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry (less than 100°F) location. Keep container tightly closed when not in use. Do not store with strong oxidizing agents or strong (concentrated) acids.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Empty residue into application equipment. Triple rinse (or equivalent) then collect container for recycling or reconditioning or puncture. Dispose of container in sanitary landfill, or by other procedure approved by state and local authorities.

ACCEPTED  
with COMMENTS  
EPA Letter Dated

MAR 18 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pesticide registered under EPA Reg. No. 1448-243

Manufactured for:  
**Buckman Laboratories, Inc.**  
1256 North McLean Blvd.  
Memphis, Tennessee 38108, USA  
(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1839-GA-1  
EPA Reg. No. 1448-243  
Product Weight 9.6 lbs./gal. 1.15 kg/gal.  
Net contents are marked on the container.

**HMIS / NPCA Ratings**  
Health 2 Flammability 1 Reactivity 0  
**Last Revision 2/25/2009**

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Do not contaminate water, food, or feed  
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representative at the nearest EPA  
Regional Office for guidance.

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