

FEB 27 2003

Mr. Dennis Barbee, Ph.D  
Buckman Laboratories, Inc.  
1256 N. McLean Blvd.  
Memphis, TN 38108

Subject: Busan 1014  
EPA Registration No. 1448-84  
Amendment Date: November 25, 2002  
EPA Receipt Date: November 29, 2002

Dear Dr. Barbee,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

- Update First Aid Statements per PR Notice 2001-1

**Conditions**

Revise the label as follows:

1. The "Ingredient's Statement" must be moved from the middle panel and placed directly below the name of the product.
2. Add the statement, "Contains methanol," to the "Ingredient's Statement." It should appear on a separate line after "Total".
3. In bold type, place the following text after the signal word, "Danger" and "Poison:"

**Causes Irreversible Eye Damage. Methanol May Cause Blindness. Harmful or Fatal If Swallowed. Vapor Harmful. Avoid Breathing Spray Mist or Vapors. Avoid Contact with Skin.**

4. The heading and subheading, "Precautionary Statements" and "Hazard to Humans and Domestic Animals" must precede their corresponding statements by placing the headings after the "First Aid" box.
5. The "Precautionary Statements" must be updated to reflect the current text in the Label Manual, 2<sup>nd</sup> Edition.

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on

clothing. Wear goggles or faceshield, protective clothing, and rubber gloves. Do not breath vapor or spray mist. Wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

### **General Comments**

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

If you have any questions or comments regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble

Product Manager (31)

Regulatory Management Branch I  
Antimicrobials Division (7510C)

# AL BUSAN 1014

BUSAN is a registered trademark.



KEEP OUT OF REACH OF CHILDREN

**DANGER**

Precautionary Statements



HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### FIRST AID

If in Eyes	<ul style="list-style-type: none"> <li>- Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>- Call a poison control center or doctor for further treatment advice.</li> </ul>
If on Skin, Clothes	<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> <li>- Call a poison control center for treatment advice.</li> </ul>
If Ingested	<ul style="list-style-type: none"> <li>- Call 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>
If inhaled	<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> <li>- Call a poison control center or doctor for further treatment advice.</li> </ul>

### 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 use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

**DANGER:** Contains methanol, which may cause blindness. Harmful or fatal if swallowed. Vapor is harmful. Avoid breathing spray mist or vapors. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish and birds. Do not apply in marine and/or estuarine oil fields. 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.

**PHYSICAL AND CHEMICAL HAZARDS:** Flammable. Keep away from heat or open flame.

<b>ACTIVE INGREDIENTS:</b>	
Oxydiethylenedis(alkyl)dimethylammonium chloride.....	36.0%
(~40% C12, 50% C14, 10% C16)	
<b>INERT INGREDIENTS:</b> .....	64.0%
<b>TOTAL</b> .....	<b>100.0%</b>

### Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.  
**PESTICIDE STORAGE:** Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.  
**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 your EPA Regional Office for guidance.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Manufactured by **Buckman Laboratories, Inc.**

1256 North McLean Blvd., Memphis, Tennessee 38108, USA  
 (901) 278-0330 or 1-800-BUCKMAN

EPA Est. No.	1448-TN-1	Net contents are marked on the container.
EPA Reg. No.	1448-84	
Product Weight	7.7 lbs/gal 0.92 kg/L	

HMIS / NPCA Ratings			Last Revision	
Health	3	Flammability 3	Reactivi. 1	3/18/2002

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with

BUSAN 1014 is used to inhibit the growth of both aerobic and anaerobic bacteria in and control of sulfate-reducing bacteria in oil field injection water and disposal water. It is a troublesome bacteria in oil field water as well as in petrochemical and other industrial supplies. This microbicide should not be used in domestic or potable water systems. BUSAN 1014 should be used only in industrial water systems where the effluent discharge is controlled. This microbicide is employed as a bactericide in industrial water systems at concentrations (ppm), based on the volume of water treated. For continuous applications, it can be dispensed through means of chemical-metering pumps. For slug treatments, it can be dispensed in suitable volume of water treated. However, required slug dosages may run as high as 500 ppm to establish and maintain control of bacterial growth. Where continuous application of BUSAN 1014 is the preferred means of treatment. A typically recommended slug treatment rate of 5 to 50 ppm (0.04 to 0.4 pint per 1000 gallons), as needed to maintain control. For more details on these uses, see the Buckman bulletin BUSAN 1014 - For the Control of Bacteria in Water Systems.

ACCEPTED  
 with COMMENTS  
 in EPA Letter  
 FEB 27  
 Under the Pesticide  
 Act, this label was  
 amended, for  
 registered use