

1448-98

6/24/2010

1 of 6

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



Office of Pesticide Programs

Buckman Laboratories, Inc  
126 N. McLean Blvd.  
Memphis, TN  
38108

JUN 24 2010

Attention: Carl Watson

**Subject:** THION  
EPA Registration No: 1448-98  
Notification Dated April 9, 2010

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

Proposed Notification

- To revise Storage and Disposal statement per PR Notice 2007-4

General Comments

Base 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 added to your file.

If you have any questions concerning this letter, please contact Zebora Johnson at (703) 308-7080.

Sincerely

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

Marshall Swindell  
Product Manger (33)  
Regulatory Management Branch I  
Antimicrobial's Division (7501P)

2 of 6

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1448-98	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) THION	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Buckman Laboratories, Inc. 1256 N. McLean Blvd Memphis, TN 38108 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. 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 _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Label Amendment: Non-PRIA action.  
ACTION: Revise the Storage & Disposal Section in order to comply with PR Notice 2007-4  
Contact: cfwatson@buckman.com; FAX: (901) 272-6256

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
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
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"/>	
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 Carl Watson	Title Sr. Regulatory Toxicologist	Telephone No. (Include Area Code) (901) 272-6228
<b>Certification</b> 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 Sr. Regulatory Toxicologist	
4. Typed Name Carl F. Watson, Ph.D.	5. Date 9 April 2010	

33

3 of 6

April 9, 2010

Marshall Swindell, PM 33  
Regulatory Management Branch I  
Antimicrobial Division (H7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22203-4501

Re: Label Revisions: PR Notice 2007-4 Pesticide Container and Containment Rule  
EPA Reg. Nos.: 1448-98 & 104

Dear Mr. Swindell:

Buckman Laboratories submits the following amendment for the product labels listed below:

THION (EPA Reg. # 1448-98)  
BUSAN 1059 (EPA Reg. # 1448-104)

Please find enclosed the EPA application Form 8570-1 and 5 copies of the draft revised labels incorporating changes per comments from PR Notice 2007-4 regarding the Pesticide Container and Containment Rule. If you should you have any questions or require additional information, please feel free to contact me or Crystal Brown at (901) 272-8258 ([cwbrown@buckman.com](mailto:cwbrown@buckman.com)).

Sincerely,

BUCKMAN LABORATORIES INTERNATIONAL, INC.



Carl F. Watson, Ph.D.  
Sr. Regulatory Toxicologist

Handwritten marks consisting of small circles and lines, possibly a signature or initials, located in the bottom right corner of the page.

# THION

4 of 6

## Buckman

**ACTIVE INGREDIENT(S)**

Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione.....

98.0%

INERT INGREDIENT(S).....

2.0%

TOTAL.....

100.0%

**KEEP OUT OF REACH OF CHILDREN**

### WARNING

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 901-767-2722 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate gastric lavage.	

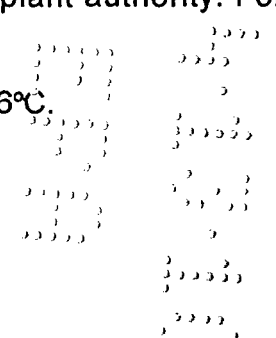
### Precautionary Statements

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Corrosive. Harmful or fatal if swallowed or absorbed through skin. Causes eye damage and severe skin irritation. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear goggles or face shield and rubber gloves when handling. May cause skin sensitization.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. 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 Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL/CHEMICAL HAZARDS:** Solubility in water: 0.2%. Melting Point: 106°C.



## Storage and Disposal

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

**PESTICIDE STORAGE:** Protect from temperatures in excess of 140°F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect and dispose of in accordance with local, state, and federal pesticide disposal regulations.

**PESTICIDE DISPOSAL:** 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 Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance.

### CONTAINER HANDLING:

(Use SUPERSACK, or BAG section as appropriate for container)

**SUPERSACK:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. When empty, dispose of bag in a sanitary landfill or by incineration, or offer for recycling, if available. Do not burn, unless allowed by State or local authorities. If burned, stay out of smoke.

**BAG:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. When empty, dispose of bag in a sanitary landfill or by incineration, or offer for recycling, if available. Do not burn, unless allowed by State or local authorities. If burned, stay out of smoke.

*Manufactured by* **Buckman Laboratories, Inc.**  
1256 North McLean Blvd., Memphis, Tennessee 38108, USA  
(901) 278-0330 or 1-800-282-5626

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-98

Product Weight **4.4 lbs/gal** **0.53 kg/l**

Net contents are marked on the container.

### HMIS / NPCA Ratings

Health **3** Flammability **1** Reactivity **1**

Last  
Revision  
**4/1/2010**

# THION

leaf

## Buckman

### Directions for Use

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.**

This product is for **FORMULATING USE ONLY** into EPA registered antimicrobials for the following uses: As a Preservative of Industrially Prepared Water Based Suspensions (Pigment Slurries, Adhesives, Polymers, and Starches), as an Antimicrobial in Oilfield Operations; for the Preservation of Clay Slurries, Adhesives, Coatings, and High Viscosity Suspensions; for Control of Algae, Fungi, and Slime Forming Bacteria in Recirculating Cooling Water Systems; and to inhibit Bacteria & Fungal Growth in Epoxy Flooring Compounds.

Information on the composition, toxicity, methods of formulation, limitations and restrictions, and effectiveness of the product for pesticide purposes is readily available from Buckman Laboratories, Inc.

Formulators are also responsible for obtaining registrations and preparing labeling in compliance with EPA guidelines for formulations based on the product.