



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 9, 2014

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

Subject: Label Amendment – Add Wood and Wood Products
Product Name: THION
EPA Registration Number: 1448-98
Application Date: July 8, 2014
Decision Number: 493483

Dear Ms. Brown:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

with FIFRA section 6. If you have any questions, please contact Zebora Johnson by phone at (703) 308-7080 or via email at johnson.zebora@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "SEIICHI MURASAKI". The signature is stylized with a large initial "S" and "M".

Seiichi Murasaki
Acting Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

ACCEPTED

12/09/2014

Under the Federal Insecticide, Fungicide,
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 1448-98

THION

Buckman

ACTIVE INGREDIENTS:

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

98.0%

INERT INGREDIENTS:

2.0%

TOTAL

100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID	
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 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	<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 by mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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, then continue rinsing eye. • 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

DANGER: Corrosive. Causes skin burns. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles or face shield, rubber gloves, and protective clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

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 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 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 Wood & Wood Products and 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. This product may be used to formulate products for any additional uses not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA data submission requirements regarding the support of such uses.

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

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.

THION

Buckman

<p>Manufactured by: Buckman Laboratories, Inc. 1256 N. McLean Blvd., Memphis, Tennessee 38108, U.S.A. (901) 278-0330 or 1-800-282-5626</p>
<p>EPA Est. No. 1448-TN-1 EPA Reg. No. 1448-98 Product Weight: 6.2 lbs/gal 0.75 kg/L Net contents are marked on container.</p>
<p><u>HMIS / NPCA RATINGS</u> Health 3 Flammability 1 Reactivity 1</p>

Revised: 07/03/14