

71581-6

11/21/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:  
71581-6

Date of Issuance:  
NOV 21 2001

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:  
Conditional

Name of Pesticide Product:  
TUFF-BRITE II

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ISK BIOCIDES, INC.  
416 East Brooks Road  
Memphis, TN 38109

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.


This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration Number 71581-6"
- b. The "Keep Out Of Reach Of Children" statement, followed by the signal word "Caution" must be placed immediately below the ingredient statement.

Signature of Approving Official:

  
Adam Heyward  
Product Manager Team-34  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

Date:

NOV 21 2001

- c. Revise the precautionary statement and subheading to read as follows:

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

- d. Add the following statements below the first aid statement:

"In case of emergency call (insert toll-free emergency number) Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment."

- e. Add the following PPE language to the label:

**Personal Protection Equipment (PPE):**

Applicators and other handlers must wear:

- Coveralls worn over Long sleeved shirt and long pants,
- Chemical-resistant footwear plus socks
- Goggles or face shield
- Chemical-resistant gloves (such as: barrier laminate, butyl rubber, neoprene rubber, nitrile rubber, polyvinyl chloride (PVC) and viton).

**For Cleaning Equipment:**

- Chemical-resistant apron

- f. User Safety Requirements and Recommendations must read as follows::

"Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry."

"User Safety Recommendations"

"Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet."  
"Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing." User should remove personnel protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

2. The product chemistry data and confidential statement of formula are acceptable with the following comments:

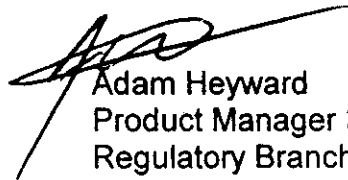
- a. Submit a new storage stability and corrosion characteristics study for the subject product.
- b. You must harmonize the pH values between the CSF and the proposed product specifications.
- c. Correct the current nominal values given for IPBC and propiconazole on page #19 of MRID #454505-01, it appears that the values for these active ingredients are reversed.

3. Submit three copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Adam Heyward  
Product Manager 34  
Regulatory Branch II  
Antimicrobials Division (7510C)

Enclosure

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
NOV 21 2001

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 71581-6

# TUFF-BRITE® II

## SAPSTAIN / MOLD CONTROL For Fresh Cut Lumber & Wood Products

Effective on softwoods, including Douglas fir, white fir, spruce, hemlock and pines (including southern and western yellow pines & eastern and western white pines) and many hardwoods, including oak, poplar and maple.

### INGREDIENT STATEMENT

#### ACTIVE INGREDIENTS:

3-Iodo-2-Propynyl Butyl Carbamate .....	6.0%
Propiconazole: 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl]-1H-1,2,4-triazole .....	3.0%

OTHER INGREDIENTS: ..... 91.0%

TOTAL ..... 100.0%

Manufactured for:

ISK Biocides, Inc.  
416 East Brooks Road  
Memphis, TN 38109

EPA Reg. No. 71581- A

EPA Est. No. 1022-TN-1

Net Contents: \_\_\_\_\_

Printed in USA.

KEEP OUT OF REACH OF CHILDREN

### CAUTION

See back panel for additional precautionary statements.

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## DIRECTIONS FOR USE

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

Do not use water collected from treated wood for potable water.

Tuff-Brite II is a liquid concentrate of 3-Iodo-2-Propynyl Butyl Carbamate (IPBC) and 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]-methyl]-1H-1,2,4-triazole (Propiconazole) which readily mixes with various diluents to form a preservative solution.

Wood products for use in particle board and veneer production processes may be protected from sapstain and mold by the same treating processes recommended for freshly cut lumber and timber.

**FOR STAIN AND MOLD CONTROL ON FRESHLY CUT LUMBER, TIMBERS, AND PEELED LOGS:** Freshly cut wood should be treated within 24 hours. Otherwise, fungal attack may extend below the surface of the wood beyond the reach of a surface fungicide treatment. Freshly treated lumber should be protected from rain.

The longer the time between falling the log and sawn lumber production, the greater the incidence of pre-infection and the lower the level of stain and mold control will be achieved. This is particularly true of lumber from susceptible tree species such as pine, fir, hemlock, and yellow poplar.

### Dip Tank and Across-the-Chain Applications:

The most cost effective strength of a Tuff Brite II solution will depend on the environment, the lumber treated, and the duration of control required.

Under **mild** stain and mold conditions, dilutions of 1 gallon of Tuff Brite II to 150 – 200 gallons of dip vat solution are recommended.

Under **moderate** stain and mold conditions, dilutions of 1 gallon of Tuff-Brite II with 100 to 125 gallons of dip vat solution are recommended.

Under **severe** stain and mold conditions, a dilution of 1 gallon of Tuff-Brite II to 50 to 75 gallons of dip vat solution are recommended.

### Low Volume Spray Application:

For individual boards which are treated in low volume spray machines, add 1 gallon of Tuff-Brite II to 15 – 50 gallons of water. Smooth surfaced lumber normally retains only about one-half as much fungicide solution as rough cut wood and, therefore, needs the higher rate to deposit the necessary amount of fungicide on the wood.

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(Directions for Use Continued)

Addition of a corrosion inhibitor is not required with Tuff-Brite II, as the formulation contains a built-in corrosion-inhibiting system.

**PRECAUTIONARY STATEMENTS**

Hazards to Humans and Domestic Animals

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

Harmful if inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash clothing before reuse.

**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 Environmental Protection Agency.

**PHYSICAL OR CHEMICAL HAZARDS**

Combustible. Do not use near heat or open flame.

**STORAGE & DISPOSAL**

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

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</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 mouth-to-mouth if possible.</li> </ul>

#### WARRANTY AND LIMITATION OF DAMAGES

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller that this product conformed to its chemical description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions under normal conditions of use and Buyers and users of this product assume the risk or any use contrary to such directions. **SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.** In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, including, but not limited to, incompatibility with other products unless otherwise expressly provided in the Directions for Use of this product, weather conditions, moisture conditions or other environmental conditions outside the ranges that are generally recognized as being conducive to good industrial and/or application practices.