

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

65059-2

08/29/2000

1/6

Napier International Technologies Inc.  
c/o Delta Analytical Corporation  
7910 Woodmont Ave., Suite 1000  
Bethesda, MD 20814

AUG 29 2000

Subject: Timbercote 2000A  
EPA Registration No. 65059-2  
Letter Dated June 12, 2000

Attn: Jeff Jones  
Agent

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label before this product is released for shipment.

If you have any questions concerning the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Management Branch 1  
Antimicrobial Division (7510W)

## CONCURRENCES

SYMBOL	7510W						
SURNAME	h. Jones						
DATE	8-17-00						

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

OFFICIAL FILE COPY

2/6

**TIMBERCOTE 2000A****SAP STAIN FUNGICIDE (OPT.)****For Control of Algae, Moss, Mildew,  
and Mold on Concrete, Asphalt, Stucco,  
Wood Shingles and Siding, Floors, Walls,  
Tile and Other Inanimate Environmental  
Surfaces (OPT.)****Aids in the Control of Blue-Stain Mold  
and Decay of Freshly Cut Lumber (OPT.)**

Active Ingredient: Didecyl dimethyl ammonium chloride ..... 25.0%  
 Inert Ingredients: ..... 75.0%  
 Total ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN****DANGER****FIRST AID****Have the product container or label with you when calling a poison control center or doctor, or going for treatment.****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 mouth-to-mouth, if possible.
- Call a Poison Control Center or doctor for further treatment advice.

**If in Eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present after 5 minutes, then continue rinsing eye.
- Call a Poison Control Center or doctor for further treatment advice.

**If on Skin:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a Poison Control Center or doctor for further treatment advice.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may**Net Weight:****EPA Reg. No. 65059-2****EPA Est. No. 65059-CN-1****ACCEPTED  
with COMMENTS  
In EPA Letter Dated:****AUG 23 2000**

**Manufactured by:**  
**Napier International Technologies Inc.**  
 9274-194th St.  
 Surrey, British Columbia  
 Canada V3T 4W2

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act as  
 amended, for the pesticide,  
 registered under EPA Reg. No. **65059-2**

# PRECAUTIONARY STATEMENTS

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

- AUG 29 2000  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No.

65059-2

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes burns and irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Wear goggles or face shield, protective clothing, and rubber gloves. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwater. Do not use on boats or other structures which come into direct contact with aquatic environments such as concrete pilings.

Do not discharge effluent contain 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.

## Warranty Statement

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material, when such use and/or handling is contrary to directions.

## DIRECTIONS FOR USE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 29 2000

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

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

65059-2

### Sapstain Fungicide

TIMBERCOTE 2000A is a concentrate which must be diluted before application. Mix one part TIMBERCOTE 2000A with 5 to 35 parts of water to protect lumber against sap staining organisms. Dilution ratios will be influenced by treating methods and wood species. The target deposition level of the active ingredient — didecyl dimethyl ammonium chloride — on the surface of the treated lumber is 100 to 140 micrograms / sq. cm (650 to 850 micrograms / sq inch). Do not use the product in conjunction with any anionic wetting agents or soaps.

Lumber and logs should be totally immersed or sprayed to ensure that all surfaces are treated. Put 1/3 of the required water in the mixing tank. Add the correct amount of TIMBERCOTE 2000A and then rinse the container into a tank, add the balance of the required water and mix thoroughly. In a dipping process, the agitation resulting from the movement of the wood will be sufficient to ensure a good mix. Re-mix thoroughly any product standing unused for a period. When using proportioning pumps for mixing, the product should be maintained at 10°C to prevent inaccurate mixing due to viscosity changes. The proportioning rate changes can be affected by changing the setting of the pump.

Freshly dipped or sprayed lumber should be protected from rain washing. Dip-tanks and drip aprons must be roofed, paved and drained to prevent dilution and loss of anti-stain solution. Anti-stain treatment concentration must be geared to achieve protection of the thickest or most valuable item being treated. The concentration of ready-to-use anti-stain solution must be adjusted to accommodate seasonal changes in exposure and species being treated.

Dip-tanks and spray equipment must be properly maintained. Spray-boxes must be equipped with the mechanical means of preventing the escape of droplets or entrained aerosols.

For best results, lumber should be treated immediately after it is sawn. A delay in treatment of 24 hours or more permits the start of the stain, mold and decay growth, which subsequently requires a longer treatment to achieve control of surface growth. Delayed application and log-borne infection can result in internal stain often under a bright surface.

NOTE: With normal dip or spray application, long-term control of decay cannot be achieved. TIMBERCOTE 2000A is designed to provide control of blue stain, mold and decay during storage and transit.

5/6

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 29 2000

**General Purpose Fungicide**

**Exterior Use** Protects against algae, moss & mildew  
**Roofs:** Shakes, Shingles, Composition, Clay and Concrete Tiles  
**Siding:** Painted Surfaces, Stucco, Vinyl, Brick and Aluminum  
**Floors:** Concrete, Brick, Wood, Pavers and Pool Decks  
**Misc.:** Awnings, Tents and Patio Furniture and Outdoor Carpets

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

65059-2

**Interior Use**

Protect against mildew and mold on **surfaces such as floors (including carpets), walls, ceilings, counters, work surfaces]** and other inanimate environmental surfaces in bathrooms, laundry rooms, kitchens, shower areas, basements, **[foundations and other similar areas where moisture may persist]**.

**Commercial Use**

**[Protect against mildew, mold and on hard surfaces such as floors (including carpets), walls, ceilings, counters, work surfaces and other inanimate environmental surfaces in]** hotels, restaurants (non-food contact areas only), nursing homes, kennels, veterinary clinics, flower shops, greenhouses, trailer and boat canvas and interiors.

**Special Use**

Use Timbrecote 2000A solution as a substitute for water to mix with tile grout for protection against mildew and mold in bathrooms, showers and bathtubs.

**Application Instructions**

TIMBERCOTE 2000A must be diluted before application. Mix one part TIMBERCOTE 2000A with 24 parts water before use. After dilution, DO NOT MIX WITH OTHER CHEMICALS OR SPRAY OR ATOMIZE THIS PRODUCT.

Preparation: Mold, Mildew, Moss and severe cases of algae may require scrubbing or pressure washing with detergent or household bleach solution to clean affected areas. After cleaning, you may apply this product to inhibit further growth.

Thoroughly wet the surface to be protected using a paint brush, roller, sponge or other similar application device. **[For large surface areas where these methods are ineffective, apply with a low pressure tank-type garden sprayer and thoroughly wet the area to be treated]**. Wear protective gloves, clothes and eyewear at all times.

**STORAGE AND DISPOSAL****DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL**

**Storage:** Do not store this product with oxidizers, acids, reducing agents, or combustible materials. Store in a cool, dry, well-ventilated location away from direct sunlight. Protect from freezing. Store upright and do not stack over two drums per pallet. A drum pump is recommended for transferring this material. Keep drums tightly closed when not in use. Store only in the original containers or approved storage containers and guard against cross-contamination with other pesticides, fertilizers, food, and feed. Do not reuse containers.

**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 Disposal:** Triple rinse (or equivalent) all containers and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
AUG 29 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 65059-2