

**FIRE** Retardants Inc.™  
*The Decision You Make May Save A Life!*

123 Columbia Court North • Suite 201 • Chaska, MN 55318

952-448-7377 • FAX: 952-448-2613

Fire Retardant "HOT LINE" 1-800-913-9385

e-mail: [info@fireretardantsinc.com](mailto:info@fireretardantsinc.com)

Visit Our Web Site at [www.fireretardantsinc.com](http://www.fireretardantsinc.com)



CALIFORNIA DEPARTMENT OF FORESTRY and FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL

**REGISTERED FLAME RESISTANT PRODUCT**

Product:  
BURN BARRIER™-X

Registration No.  
C-00411.

Product Marketed By:  
Fire Retardants Inc.  
123 Columbia Court North, Suite 201  
Chaska, MN 55318

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code.

The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.

*Pat Sanchez*

Deputy State Fire Marshal

Expire 06/30/2004



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EST. 1860

## United States Testing Company, Inc.

### California Division

5555 TELEGRAPH ROAD, LOS ANGELES, CALIFORNIA 90040 • 213-723-7181

## REPORT OF TESTING

CLIENT: Fire Retardants Inc.  
123 Columbia Court North, Suite 201  
Chaska, MN 55318  
(952) 448-5300

NUMBER  
LA 41390-1  
9-19-84

SUBJECT: Fire Retardant Chemical

#### REFERENCE:

Client's P.C. fl.34 dated 7-26-84 to Ted Narahara

#### SAMPLE IDENTIFICATION:

One sample of fire retardant chemical Submitted and identified by the Client as BURN BARRIER™-X-Batch #859.

#### TEST REQUEST AND METHOD

Flammability per State of California, Title 19, Public Safety, Article 3, Section 1264.3, "Christmas Trees" and referenced Section 1237.1 (Small Scale Test).

The Douglas Fir Branches were treated by the following methods per Client's request and aged for 30 days:

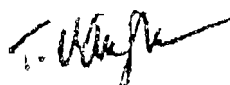
- 1.) Dipping
- 2.) Spraying with to very heavy coats, allowing 24 hours between coats.

Preliminary testing was conducted after 15 days. The branches were conditioned for 24 hours at 73.4± 1.8° F, 50±2% relative humidity before testing.

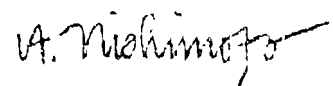
#### REQUIREMENTS:

There shall be no spread of flame from the area in contact with the test flame and any after flaming shall not exceed 10 seconds. At the completion of the 30-day aging period, the treated branch shall not lose its needles more readily nor shall they have turned brown to a greater extent than those of the untreated branch similarly aged.

SIGNED FOR THE COMPANY

BY 

T Naughton  
Supervisor MAT/TEX



A. Nishimoto/Tech.

Laboratories in: New York • Chicago • Los Angeles • Houston • Tulsa • Memphis • Reading • Richland

THIS REPORT APPLIES ONLY TO THE STANDARDS ON PROCEDURES IDENTIFIED AND TO THE SAMPLE(S) TESTED. THE TEST RESULTS ARE NOT NECESSARILY INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. NOTHING CONTAINED IN THIS REPORT SHALL MEAN THAT UNITED STATES TESTING COMPANY, INC. CONDUCTS ANY QUALITY CONTROL PROGRAM FOR THE CLIENT TO WHOM THIS TEST REPORT IS ISSUED, UNLESS SPECIFICALLY SPECIFIED. OUR REPORTS AND LETTERS ARE FOR THE EXCLUSIVE USE OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEY AND THE NAME OF THE UNITED STATES TESTING COMPANY, INC. OR ITS SEALS OR INSIGNIA, ARE NOT TO BE USED UNDER ANY CIRCUMSTANCES.



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## United States Testing Company, Inc.

CLIENT: FIRE RETARDANTS INC.

NUMBER  
LA 4135

### TEST RESULTS:

#### FLAMMABILITY-VERTICAL TEST

<u>Sample</u>	<u>After Flame, Sec.</u>	<u>Flame Spread</u>
Dipped	0.0	None
	0.0	None
	0.0	None
Sprayed Twice	5.8	None
	2.2	None
	0.0	None

### PHYSICAL STATE

The treated branches did not lose needles or turn brown at a rate greater than the untreated branch.

### COMMENT:

The submitted chemical meets the flammability requirements of Title 19, Section 1264.3 when applied by dipping and spraying with 2 heavy coats.