

EFFICACY REVIEW

DATE: IN 10/19/84 OUT 11/2/84

FILE OR REG. NO. 10466-28

PETITION OR EXP. PERMIT NO.

DATE DIV. RECEIVED 9/14/84

DATE OF SUBMISSION 9/11/84

DATE SUBMISSION ACCEPTED

TYPE PRODUCT(S): I, (D), H, (F), N, R, S,

DATA ACCESSION NO(S) N/A

PRODUCT MGR. NO. 32

PRODUCT NAME(S) Ultra Fresh DM-50

COMPANY NAME Thompson Research Associates

SUBMISSION PURPOSE (add uses) WOOD STAIN, WOOD PRESERVATIVES-
aids in the control of in-can spoilage,
and mold and mildew of applied coatings;
FORMULATION of WOOD PRESERVATIVES

CHEMICAL & FORMULATION Tributyltin maleate.....25.0%
[9 pounds of product /gallon]

CONCLUSIONS & RECOMMENDATIONS (1) Add a statement below the
Ingredient Statement which specifies the product weight per
gallon.

(2) Add the U.S. equivalent units of measurement for the
"mg per cubic metre" dosage on wood.

(3) Under Primary Use Statement number (2), change "other
fungi" to specific fungal pest problems claims, or delete
this term. Also since this statement is basically, the
same as statement number (5) one of these statements must

be deleted or the two statements must be combined into one clearly worded and concise statement Note: The only valid fungal control claims that can be made for wood treatment products are: wood rot (or wood decay), mildew (or mold and mildew), mildew stain, and fungal sap stain.

- (4) Since bacteria are not generally considered to degrade wood this claim should be deleted from the wood treatment pest claims.
- (5) The term "nonleachable" antimicrobial treatment is misleading because it implies that you have a permanent treatment which will provide pest control benefits for an unlimited number of years. Delete this term or revise the entry by adding appropriate qualifying language.
- (6) The general duration of control which the user can reasonably expect to receive for each fungal pest claim must be stated in the labeling, using the most definitive estimates which are possible based on the test data.
- (7) Revise statement number (6) under Primary Use to clearly indicate that the fungal claim is to render the applied wood stain and wood preservative coatings resistant to the growth of mildew. Also the type of bacterial damage to the applied coatings that is intended to be controlled must be specified.

NOTE TO PM: The use in wood stains to formulate a wood preservative (i.e., to control fungal rot) is a formulating use", whereas the other uses are strictly industrial end use.

Richard E. Michell

RICHARD E. MICHELL
PLANT PATHOLOGIST
TECHNICAL SUPPORT SECTION
FUNGICIDE-HERBICIDE BRANCH
REGISTRATION DIVISION (TS-767C)