

US EPA ARCHIVE DOCUMENT

EFFICACY REVIEWDATE: IN 6-12-95 OUT 11-7-95FILE OR REG. NO. 64405-5

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED March 1, 1995DATE OF SUBMISSION February 25, 1995

DATE SUBMISSION ACCEPTED _____

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

DATA ACCESSION NO(S) . 435636-03;D216290;S483026;Case#008294;AC:674PRODUCT MGR. NO. 25-Taylor/DaughtryPRODUCT NAME(S) RTU Wood Preservative/PesticideCOMPANY NAME Nisus CorporationSUBMISSION PURPOSE 8 months response to Reregistration EligibilityDecision with respect to boric acid and sodium salts for §§ 95-2,3; 95-10; 95-11; 95-12 and 95-13.CHEMICAL & FORMULATION Disodium octaborate tetrahydrate 8.5%
(8.87 lbs. per gallon ready-to-use liquid)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 435636-03 in support of EPA Reg. No. 64405-1, having been obtained from standard testing meeting requirements of § 95-12 (a) (1), (4) and (5) (i) on pp. 271-2 and the standard of § 95-12, subpart (b) (1) (ii) (A) but not (C) on p. 273 of the Product Performance Guidelines, are adequate to support control of Formosan and Eastern subterranean termites when a boric acid equivalent (BAE) exceeding 2,500 ppm is achieved in wood treated with the subject product, which is virtually identical to BORA-CARE® at the maximum dilution of 5:1. Label directions for the subject product call for one gallon per 150 to 250 square feet of wood surface, compared to the 800 square feet per gallon of BORA-CARE® (see label). These 2 application rates are virtually identical in terms of BAE applied to the surface of 1-inch thick lumber in a single coat. In summary, the data submitted for the subject product are sufficient to fulfill the requirements for laboratory efficacy evaluation and, due to the fact that the laboratory tests closely simulated the manner in which applications are made according to label directions, also satisfy most requirements for comparative field tests under footnote 54 on p. 2 of 2 of the table entitled "REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE" in the RED for boric acid and its sodium salts issued February 16, 1994. Thus, the response for this product is complete with respect to product specific efficacy data for 95-12.

RL Vern L. McFarland, IRB