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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 15 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MEMORANDUM

Subject: Chlorothalonil: Chemical 081901: Case 0097:
Product Chemistry Data on Stability (63-13):
Veterans Ilex, Inc.: DP Barcode D208601: CBRS No.
14592: MRID No. 43402101.

From: William Smith, Chemist *William Smith*
Chemistry Pilot Review Team
Chemistry Branch II-Reregistration Support (CBRS)
Health Effects Division (HED) 7509C

Through: Edward Zager, Chief *EZ*
Chemistry Branch II - Reregistration Support
Health Effects Division

To: Walter Waldrop/Andrew Ertman
Reregistration Branch
Special Review and Reregistration Division 7508W

In response to reregistration data requirements, Compliance Services International, on behalf of Veterans Ilex, Inc. has submitted product chemistry data on the stability of chlorothalonil (GLN 63-13).

Technical grade chlorothalonil was incubated at ambient humidity and temperature (ca. 25 C), elevated temperature (ca. 54 C), in light (ca. 87 cm from a 1000-W mercury-xenon light), and at ambient temperature mixed with aluminum, copper, galvanized steel, stainless steel, aluminum tartrate, cupric acetate, ferric oxide and zinc acetate. Samples were stored for 14 days, observed for physical appearance, and analyzed for chlorothalonil using gas chromatography/flame ionization detection. Experiments were performed in triplicate and the analysis was adequately documented.

The chlorothalonil TGA1 was stable for 14 days to light, elevated temperature, metals and metal ions. There was no change in appearance or in level of active ingredient during the incubation period. No further data concerning GLN 63-13 are required in support of registration of the Veterans Ilex, Inc. 98% T (EPA Reg. No. 61451-2).



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7509C:CB-II:WOS:wos:Rm805A:CM#2:X5353: 11/07/94

RDI: B. Cropp-Kohlligian 11/07/94, P. Deschamp 11/07/94, T. Edwards 11/07/94, S. Knizner 11/07/94, C. Olinger 11/07/94, M. Metzger 11/08/94, E.Zager 11/14/94.