US EPA ARCHIVE DOCUMENT
FILE OR REG. NO. 11678-5

PETITION OR EXP. PERMIT NO.

DATE OF SUBMISSION 1-12-84

DATE RECEIVED BY HFD 2-28-84

RD REQUESTED COMPLETION DATE 4-28-84

EEB ESTIMATED COMPLETION DATE 4-21-84

RD ACTION CODE/TYPE OF REVIEW 655/Reg. Std.

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

DATA ACCESSION NO(S). 252229

PRODUCT MANAGER NO. G. LaRocca (15)

PRODUCT NAME(S) Endosulfan

COMPANY NAME Makhteshim-Agan (America) Inc.

SUBMISSION PURPOSE Submission of bobwhite quail acute oral LD50 study in support of registration standard

SHAUGHNESSEY NO. CHEMICAL, & FORMULATION % A.I.

079401 Endosulfan tech. 97
MEMORANDUM

TO: G. LaRocca, PM Team 15
Registration Division - TS-767c

THRU: Dave Coppage, Head, Sec. 3
Ecological Effects Branch
Hazard Evaluation Division - TS-769c

THRU: Clayton Bushong, Chief
Ecological Effects Branch
Hazard Evaluation Division - TS-769c

SUBJECT: Acute Oral LD50 Study With Endosulfan and Bobwhite Quail; Acc. No. 252229.

The following study was reviewed and is acceptable to support registrations under the endosulfan registration standard.


The acute oral LD50 of technical endosulfan to Bobwhite quail (Colinus virginianus) is 42 mg/kg (35-56 mg/kg).

John J. Pascietto
Wildlife Biologist, Sec 3.
Ecological Effects Branch/HED TS-769c