

EEB BRANCH REVIEWDATE: IN 9-26-80 OUT 10-10-80

72-1

FILE OR REG. NO. 2749-UIT , 33660-ER
PETITION OR EXP. PERMIT NO. ---
DATE DIV. RECEIVED 9-26-80
DATE OF SUBMISSION -----
DATE SUBMISSION ACCEPTED -----
TYPE PRODUCT(S): I, D, H, F, N, R, S Insecticide
DATA ACCESSION NO(S). 243084
PRODUCT MANAGER NO. G. LaRocca (15)
PRODUCT NAME(S) Endosulfan
COMPANY NAME IPICI Industria Prodotti Chimici
SUBMISSION PURPOSE Registration for manufacturing
Use

SHAUGHNESSEY NO.

CHEMICAL, & FORMULATION

% A.I.

-1001-079401Endosulfan94%

Also,

of the formulation,respectively. They do nothave Shaughnessy numbers.

MANUFACTURING PROCESS INFORMATION IS NOT INCLUDED

100

Pesticide Label Information

The registrant is requesting registration for a manufacturing use. A bluegill (Lepomis macrochirus) LC₅₀ was submitted in support of the registration

103.2.3 Fish Acute LC₅₀

Evaluation Record

1. Chemical: Endosulfan
2. Formulation: Technical (100% a.i.)
3. Reviewer: Robert K. Hitch, Fish and Wildlife Biologist, EEB/HED.
4. Date Reviewed:

10/10/1980

5. Citation:

Buccafusco, R.J. and B.H. Sleight III
1976. Acute toxicity of endosulfan
tecnico to bluegill (Lepomis macrochirus)
E.G.&G Bionomics. Wareham Mass. Unpublished
Accession No. 243084.-

6. Authors Conclusion

24 hr LC₅₀ = >4.2 <6.5

48 hr LC₅₀ = 2.8 (2.3-3.4, 95% C.I.)

96 hr LC₅₀ = 1.7 (1.0-2.1, 95% C.I.)

7. Reviewer's Conclusion

The author's conclusions are supported by the dose - response data and the study should be considered core.

107.

Conclusions

Given the large-scale use patterns already registered and the large environmental toxicity data base for endosulfan, the incremental risk and, in turn, the manufacturing use registration are acceptable to the Ecological Effects Branch.

John

(2)

Also the 1976 Bionomics bluegill LC₅₀ (Acc 243084)
satisfies the requirement for a 96 hr LC₅₀ with a warmwater
fish. RMH

Bob Hitch

Bob Hitch
Fish and Wildlife Biologist
EEB/HED

Date: 10/14/80

John Bascietto

John Bascietto
Acting Section Head
Review Section #3, EEB

Date: 10/15/80

Clayton Bushong

Clayton Bushong
Chief EEB/HED

Date: 10/16/80