

CHEM 009001Lindane

6-6-85

BRANCH EEBDISC 40FORMULATION TechnicalFICHE/MASTER ID HCOSTA01

CITATION: Hudson, P. H.; Tucker, R. K.; Haegele, M. A. (1984). Handbook of Toxicity of Pesticides to Wildlife. USDI Publ. 153, Washington, DC.

SUBST. CLASS=

OTHER SUBJECT DESCRIPTORS
PRIM:

DIRECT REVIEW TIME=

1

(MH) START DATE 5/8/85END DATE 5/85

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6/6/85

Studies reported in this publication are accepted as scientifically sound without the need for validation. However because of the lack of sufficient data on the protocol the study does not meet our guideline requirements for an avian acute oral study. The results indicate that the LD_{50} for ^{0.825% Lindane} 5-4 mo. old mallards > 2000 mg/kg. The 30-day EM_{50} ~~empirical~~ empirical minimum lethal dosage is 30 mg/kg/day. This gives a cumulative toxicity index of $> 2000/30 = > 62$ indicating a high degree of cumulative toxic action even for a chlorinated hydrocarbon.