

US EPA ARCHIVE DOCUMENT

CHEM 009001

Lindane

6-6-85

BRANCH EEB

DISC 40

FORMULATION Technical

FICHE/MASTER ID HCOSTA01

CITATION: Hudson, P. H.; Tucker, R. K.; Haeghele, 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

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REVIEWED BY:

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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 problem the study does not meet our guideline requirements for an avian acute oral study. The results indicate that the <sup>LD50 for</sup> ~~LD50~~ <sup>of 25% lindane</sup> for 5-4 mo. old mallards > 2000 mg/kg. The 30-day EMCD ~~empirical~~ empirical minimum lethal dosage is 30 mg/kg/day. This gives a cumulative toxicity index of  $> 2000/30 = > 67$  indicating a high degree of cumulative toxic action even for a chlorinated hydrocarbon.