

US EPA ARCHIVE DOCUMENT

AWL

CASE GS0140

ALDICARB

PM

9/29/82

CHEM 098301

BRANCH EEB DISC TOPIC Special Order

FORMULATION 01 Technical Chemical

FICHE/MASTER ID 00102133 CONTENT CAT 01

Schneider, C. (1979) The Acute Toxicity of Aldicarb Technical to the Rainbow Trout (Salmo gairdneri Richardson): UCES Proj. No. 11504-14-03. (Unpublished study received Dec 12, 1979 under 1016-78; submitted by Union Carbide Corp., Arlington, VA; COL:099420-C)

SUBST, CLASS = 3

OTHER SUBJECT DESCRIPTORS
PRIM:
SECI

DIRECT RVN TIME (MM) START-DATE END DATE

REVIEWED BY: Charles Bowen
TITLE: Fisheries Biologist
ORG: EEB/HED
LOC/TEL:

SIGNATURE: *Richard Bowen*

DATE: 3/29/84

APPROVED BY:
TITLE:
ORG:
LOC/TEL:

SIGNATURE:

DATE:

DATA EVALUATION RECORD

Chemical: Aldicarb

Formulation: Technical (100% A.I)

Citation: Schneider, C., A. Vilkas and C. Hutchinson. (1979) The acute toxicity of Aldicarb technical to the Rainbow Trout (Salmo gairdneri Richardson): UCES Proj. No. 11504-14-03. (unpublished study received Dec. 12, 1979 under 1016-78; submitted by Union Carbide Corp., Arlington, VA.) (00102133).

Reviewed by: Charles A. Bowen II

Title: Wildlife Biologist

ORG: Ecological Effects Branch (EEB)

Test Type: 96-hour static freshwater bioassay

A. Species - Rainbow Trout (Salmo gairdneri)

Reported Results:

95% C.L.

96-hour LC₅₀ = 0.56 mg/L (0.47-0.68 mg/l)

Reviewer's Conclusions:

This bioassay is scientifically sound and demonstrates that aldicarb is very highly toxic to coldwater fish. This study will fulfill the requirements for a 96-hour coldwater fish bioassay.