

069005

(3-19-87)

Validation Sheet

Formulation: 92%

Chemical Name: Sumithrin -

Validator: Ray Matheny

Date: 5-9-79

Test Type: Aquatic Invertebrate Toxicity Study

Test I.D. #: RT No. 718941

Citation: Thompson, G.W. Mar. 28, 1979. Aquatic Invertebrate
(Daphnia) Toxicity Study. Raltech Scientific Services,
Inc. (within Accession No. 238275).

Validation Category: Core

Results:	<u>Species</u>	<u>Test</u> LC ₅₀	<u>Confidence Limits</u>
	<u>Daphnia magna</u>	>300 mg/l	N/A

Validation Category Rationale: No LC₅₀ determination is required because there was less than 50% mortality of 30 Daphnids exposed at concentrations up to 300 mg/l. Satisfies Core data requirements

Category Repairability/Rationale: None necessary

Abstract: First instar Daphnia magna were maintained at temperatures of 17°-21° C. Thirty Daphnia were exposed at dosage levels up to 300 mg/l. After 48 hrs. there were three deaths of 30 in the control and no deaths @ the 300 mg/l level. After 72 hrs. there were six deaths @ 300 mg/l. The test material is considered non-toxic to aquatic invertebrates.

This study
should be
repeated
Bjm
See notes for
Tetramethrin study
by same
author

00121276



DATA EVALUATION RECORD

PAGE 1 OF

CASE: GS0426

~~SUMETHRIN~~

Tetramethrin

CONT-CAT: 01

GUIDELINES: 72-2

MRID: 121279

Thompson, G. (1979) Aquatic Invertebrate (Daphnia) Toxicity Study:
†Neo-pynamin T.G.†: RT No. 718940. (Unpublished study received
May 2, 1979 under 1021-1386; prepared by Raltech Scientific
Services, Inc., submitted by McLaughlin Gormley King Co., Min-
neapolis, MN; CDL:238275-F)

REVIEW RESULTS:

VALID _____ INVALID _____ INCOMPLETE _____

GUIDELINE: SATISFIED _____ PARTIALLY SATISFIED _____ NOT SATISFIED _____

DIRECT RVW TIME = START DATE: END DATE:

REVIEWED BY: Ken Clark

TITLE: Agronomist

ORG: EED

LOC/TEL:

SIGNATURE: Ken Clark

DATE: 3-12-87

APPROVED BY:

TITLE:

ORG:

LOC/TEL:

SIGNATURE: Henry T. Craven

DATE: 3/19/87

The study is not on sumethrin, it is on tetramethrin,
and cannot be used.

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