

FILE COPY

Date Out EFB: SEP 2 1981

To: Product Manager *12 Ellenberger*
TS-767

From: Dr. Willa Garner *111*
Chief, Review Section No. 1
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 264-GUE

Chemical: Thiodicarb

Type Product: Insecticide

Product Name: _____

Company Name: Union Carbide

Submission Purpose: protocol for microbial study

ZBB Code: other

ACTION CODE: 450

Date in: 8/28/81

EFB # 927

Date Completed: SEP 2 1981

TAIS (level II)

Days

Deferrals To:

67

2

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

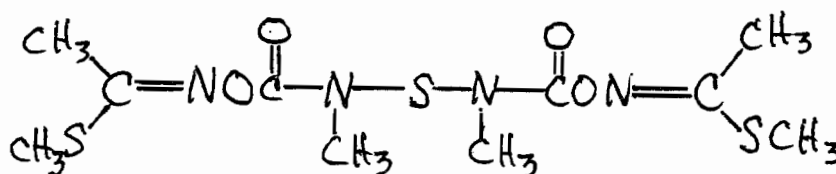
_____ Toxicology Branch

1.0 Introduction

Chemical Name and Type Pesticide: thiodicarb, N,N' [thiobis[(methyylimino) carbonyloxy]]bis, -dimethyl ester, Insecticide, 45.8% ai in Larvin 500 and 78.1% in Larvin 75% WP.

Trade Name: Larvin

Chemical Structure:



Physico-Chemical Properties: See review of 1 May 1981.

Union Carbide is requesting an evaluation of a protocol for studying the effects of pesticides on microbial functions (aerobic nitrogen fixation).

2.0 Directions For Use

See review of 1 May 1981.

3.0 Discussion of Data

No new data was submitted.

4.0 Recommendation

The 1980 guidelines (a final version that is ⁱⁿ the process of being approved) do not now include microbial studies as a mandatory data requirement, but will be considered as a possible requirement on a case-by-case basis.

Herbert L. Manning
Herbert L. Manning, Ph.D.
Review Section #1
EFB/HED