

US EPA ARCHIVE DOCUMENT

FILE COPY

Date Out EFB: APR 16 1982

To: Product Manager 21 Jacoby
TS-767

From: Dr. Willa Garner ^{ll}
Chief, Review Section No. 1
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 2204-EN

Chemical: Chlorothalonil

Type Product: Antifouling paint

Product Name: Nopcocide

Company Name: Diamond Shamrock

Submission Purpose: Use in formulation of Antifouling and antimildew paints.

ZBB Code: 3(c) (F)

ACTION CODE: 160

Date in: 4/6/82

EFB # 268

Date Completed: APR 16 1982

TAIS (level II) Days

Deferrals To:

62

1

Ecological Effects Branch

Residue Chemistry Branch

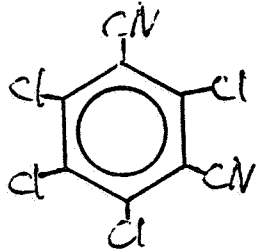
Toxicology Branch

1.0 Introduction

Chemical Name and Type Pesticide: Chlorothalonil, tetrachloroisophthalonitrile, 96% ai., formulation of antimildew and antifouling paints.

Trade Name: Nopcocide

Chemical Structure:



The registrant is applying for registration of Nopcocide for use in formulating antimildew and antifouling paints.

2.0 Directions for Use

See the attached label.

3.0 Discussion of Data

No new data submitted.

4.0 Recommendation

EFB's file on chlorothalonil does not show data that are required for a technical or formulating use products.

The data requirements for this use depend upon whether there is an aquatic impact use in the form of a direct or indirect discharge. If there is direct discharge into a body of water, or man-made aquatic facility that leads to a natural aquatic environment, the following studies are required:

1. Aerobic Aquatic Metabolism
2. Anaerobic Aquatic Metabolism
3. Leaching (Adsorption/Desorption)

4. Field Dissipation-water

5. Aquatic Nontarget Accumulation

If there is indirect discharge and wastewater treatment a hydrolysis study is required. This requirement has been met for this chemical.

If a discharge to a wastewater treatment, an activated sludge study may be required on a case-by-case basis.

If no discharge occurs in the formulating process, no data are required.

Herbert L. Manning

Herbert L. Manning, Ph.D.
Review Section No. 1
Environmental Fate Branch
Hazard Evaluation Division (TS-769)

Page _____ is not included in this copy.

Pages 4 through 7 are not included.

The material not included contains the following type of information:

- Identity of product inert ingredients.
 - Identity of product impurities.
 - Description of the product manufacturing process.
 - Description of quality control procedures.
 - Identity of the source of product ingredients.
 - Sales or other commercial/financial information.
 - A draft product label.
 - The product confidential statement of formula.
 - Information about a pending registration action.
 - FIFRA registration data.
 - The document is a duplicate of page(s) _____.
 - The document is not responsive to the request.
-

The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.
