

DATE: 11-28-78

To: Product Manager
TS-767

Through: Dr. Gunter Zweig, Chief
Environmental Fate Branch



Through:

From: Review Section No. 2
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 239-1663

Chemical: Diquat

Type Product: Aquatic Herbicide

Product Name: Ortho Diquat Aquatic Weed Killer

Company Name: Chevron Chemical Company

Submission Purpose: Label change to include additional water sources

Date In: 9/15/77

Date Out: 11-28-78

File Name: Diquat

Accession Nos.

Date Returned:

1. 231431
2. 231430
3. 231432

I. Introduction

The submission includes no new data relevant to the intended change of label which involves use of diquat as an aquatic herbicide. A previous review by EFB of 9/15/75 (R. Ney) recommended a catfish accumulation study. This study has still not been received.

II. Labeling

The attached label change requests (Attachment # 1) are self explanatory. For the most part these label changes are merely word juxtaposition. However, 2 new uses are proposed, namely: (1) rivers and (2) bayous. Since neither of these types of water bodies can be controlled in terms of movement and since they both will almost always involve multiple ownership and/or several jurisdictions, label restrictions for these types of water, with regard to time interval between treatment and end-use are totally impractical, unpoliceable and unenforceable.

III. Recommendations

- A. Remove label reference to rivers and bayous.
- B. Provide environmental chemistry data, a catfish accumulation study as requested earlier.

C. W. Collier
11/24/78
Review Section #2

Samuel F. Howard
11/27/78

ATTACHMENT # 1

ORTHO DIQUAT WATER WEED KILLER
PROPOSED LABEL REVISIONS

- Copy A - Insert "or" between swimming and spraying.
- Copy B - Insert "unless an approved analysis shows that the water does not contain more than 0.01 ppm Diquat ion".
- Copy C - Insert "or overhead irrigation".
- Copy D - Insert "unless an approved analysis shows that the water does not contain more than 0.01 ppm Diquat ion".
- Copy E - Directions for use in fresh water ponds, lakes, rivers, drainage and flood control canals, ditches, reservoirs, bayous and other quiescent or slowly moving bodies of water for control of noxious aquatic plants.