

Shaughnessy No.: 128201

Date out of EAB: JAN 5 1988

To: R. Taylor
Product Manager 25
Registration Division (TS-767)

From: Emil Regelman, Supervisory Chemist
Environmental Chemistry Review Section #3
Exposure Assessment Branch/HED (TS-769C)

Thru: Paul F. Schuda, Chief
Exposure Assessment Branch/HED (TS-769C)

For ER

P. Schuda

Attached, please find the EAB review of...

Reg./File # : 352-UUR

Chemical Name: DPX-Y6202 (Quizalofop ethyl)

Type Product : Herbicide

Product Name : ASSURE

Company Name : E.I. duPont de Nemours and Co.

Purpose : Review of a proposed label for Assure for use on
soybeans.

Action Code: 111

EAB # (s): 70979

Date Received: 9/24/87

Total Reviewing Time: 1 day

Date Completed: 1/5/88

Monitoring Study Requested: _____

Monitoring Study Volunteered: _____

Deferrals to: _____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

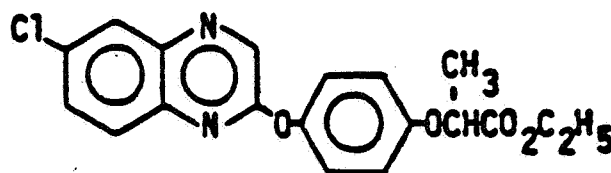
1. CHEMICAL:

chemical name: Ethyl 2-[4-(6-chloroquinoxalin-2-yloxy)
phenoxy] propanoate

common name: Quizalofop Ethyl, DPX- Y6202

trade name: ASSURE

structure:



physical/chemical properties:

molecular formula: $C_{19}H_{17}ClN_2O_4$
molecular weight: 372.5
physical state: white, crystalline solid
melting point: $91.7 - 92.1^{\circ}C$
vapor pressure: 3×10^{-7} mm Hg at $20^{\circ}C$

2. TEST MATERIAL:

Not applicable. No studies were submitted.

3. STUDY/ACTION TYPE:

Review of a proposed label for use on soybeans.

4. STUDY IDENTIFICATION:

Letter to Mr. Robert J. Taylor from Tony E. Catka of E.I. du Pont de Nemours and Company dated August 31, 1987 and a proposed revised label, dated August 1987.

5. REVIEWED BY:

Dana Spatz
Chemist, Review Section 3
EAB/HED/OPP


Date: JAN 5 1988

2

6. APPROVED BY:

Emil Regelman
Supervisory Chemist, Review Section 3
EAB/HED/OPP

For Emil Regelman
[Signature]
Date: *January 5th, 1988*

7. CONCLUSIONS:

EAB cannot concur with the proposed label for "ASSURE" for use on soybeans. As of this date, all registration requirements have not been satisfied. The status of requirements for terrestrial food crop uses is as follows:

REQUIREMENTS SATISFIED

Hydrolysis
Photodegradation in Water
Photodegradation on Soil
Leaching- Adsorption/Desorption
Fish Accumulation

REQUIREMENTS NOT SATISFIED

Aerobic Soil Metabolism
Anaerobic Soil Metabolism
Laboratory Volatility
Rotational Crops- Confined

CONDITIONAL REQUIREMENTS

* Terrestrial Field Dissipation
Field Volatility
Long-Term Field Dissipation
Rotational Crops- Field
Re-entry

* Pending the results of a toxicological evaluation of 2-[(4-hydroxyphenyl)oxyl]propanoic acid, study accession number 403360-01 may satisfy this requirement.

8. RECOMMENDATIONS:

The registrant should submit the required studies to EAB for review.

9. BACKGROUND:

The registrant has decided to proceed at this time with the registration of the herbicide, quizalofop ethyl, for postemergence use for the control of annual and perennial grasses in soybeans.

The 9.5% EC (ASSURE, 0.8 lb ai/gal) is to be applied at a rate of 0.06 lbs ai/acre - 0.15 lbs ai/acre; not to exceed 0.25 lbs ai/acre per season.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:

Not applicable. No studies were submitted.

11. COMPLETION OF ONE-LINER:

Not applicable.

12. CBI APPENDIX:

Not applicable.

Assure exposure assessment review

Page _____ is not included in this copy.

Pages 5 through 15 are not included in this copy.

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 product 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
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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.
