



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JUN 2 1983

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: EPA No. 239-ELNL. Request for registration of Diquat Concentrate.

FROM: Richard Loranger, Chemist *R. Loranger*  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769)

THRU: Charles L. Trichilo, Chief  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769)

TO: Richard Mountfort, Product Manager 23  
Fungicide-Herbicide Branch  
Registration Division (TS-767)

and  
Toxicology Branch  
Hazard Evaluation Division (TS-769)

Chevron Chemical Company has applied for a registration of the product ORTHO Diquat Concentrate, a herbicide containing 6,7-dihydrodipyrido (1,2-a:2',1'-c) pyrazinedium dibromide (or diquat dibromide) to be used for formulating use only.

Several Chevron products are currently registered with concentrations of diquat similar to that proposed.

Due to the presence of ethylene dibromide in that formula the company was requested to submit a description of the manufacturing process, analytical methods to determine impurities, and the resulting concentrations of the latter (1/12/83 R. Mountfort letter). This basic information has now been submitted for registration of the manufacturing use product and is discussed below.

COMMERCIAL/FINANCIAL INFORMATION IS NOT INCLUDED

Diquat dibromide review

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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.

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We defer to TOX for an incremental risk assessment concerning the differences between the two formulas. The impurities in diquat are not likely to present a residue problem.

cc: R.F., Subject file diquat, Loranger, Circu, Amended use file  
Diquat S.F., TOX

RDI:Section Head:RJH>Date:5/27/83:RDS>Date:5/27/83

TS-769:RCB:Reviewer:R.Loranger:LDT:557-7324:CM#2:RM:810>Date:5

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