

December 22, 1988

MEMORANDUM

SUBJECT: EEB Request for EFGWB Determination on Ignite  
Formulation (Reg. Nos. 8340-GR, -EI, -EO)

TO: Douglas J. Urban, Acting Chief  
Ecological Effects Branch

FROM: Hank Jacoby, Acting Chief  
Environmental Effects and  
Ground Water Branch

EFGWB has examined its records and other OPP records in order to determine whether environmental fate data were available on any of the inert ingredients. We did not locate any useful data that would allow us to address your concern. In order to address your questions, a complete set of environmental fate data would be required for each inert. However, if the applicant could identify the inert associated with the increase in toxicity, the data requirements could be tempered accordingly.



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

December 13, 1988

MEMORANDUM

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: EEB Request For EFGWB Determination on Ignite  
Formulation (Reg. Nos. 8340-GR, -EI, -EO; Rec. Nos.  
213371, 203178, 203179)

TO: Henry Jacoby, Acting Chief  
Environmental Fate and Ground Water Branch

FROM: Douglas J. Urban, <sup>Acting</sup> Chief  
Ecological Effects Branch

*Douglas J. Urban*  
12/13/88

The Ecological Effects Branch (EEB) has completed a review of Ignite, a new herbicide proposed for registration as a technical product and as a 16.22 % formulation for use on soybeans, field corn, tree nuts, apples, grapes, and noncrop areas. EEB's review of the available toxicity data indicated that the 16.22 % formulation is approximately 10x to 40x more toxic than the technical grade product to aquatic organisms in acute toxicity tests. Further, it appears to EEB that this enhancement in toxicity could be caused by one of the major inert ingredients. In order for EEB to assess the potential chronic risks from the formulation to aquatic organisms, we require a determination from the Environmental Fate and Ground Water Branch (EFGWB) on the persistence of the formulation in aquatic systems. We also ask that if your branch is unable to do so, that EFGWB require data appropriate to make such a determination.

A copy of our review is attached for background information. If you have any questions concerning the review or our request, please feel free to contact Norm Cook, or Curtis Laird at 557-0322, or 557-1636, respectively.

Thank you.

cc: Esther Saito, SACS  
Richard Mountfort, PM-23

Attachment