



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

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OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

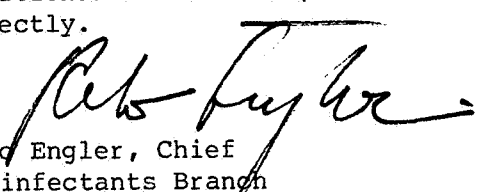
SUBJECT: Baquacil Swimming Pool Chemical (New Chemical) EPA File  
Symbol 10182-RO.

TO: Hazard Evaluation Division

Brief Background:

Baquacil is a new swimming pool chemical and RD was in progress to issue a registration in the very near future. The human effects data are extensive and have all been accepted in support of the registration. Only two short term F&W studies have not been acceptable; ICI is in the process to repeat them. At this point in the registration process ICI has told us per telephone conversation that they have received data showing that Baquacil can cause sensitization in guinea pigs. ICI has now submitted these studies together with a rebuttal and previous sensitization studies (including human studies) which have already been reviewed.

Request: We request a hazard and risk assessment concerning the sensitization potential of Baquacil considering the new and previous studies and the exposure level encountered in swimming pools. Since this is a relatively small missing link in the toxicological evaluation of another-wise well studied new swimming pool chemical we would appreciate a review ASAP. Since the low risk from all other long term effects of this chemical has been documented, this chemical appears to be a viable alternative to several of the presently used swimming pool chemicals which generally have a less than adequate long term data base. Should the reviewer need additional information, Mr. Castillo or Mr. Francis can be contacted directly.

  
Reto Engler, Chief  
Disinfectants Branch  
Registration Division (TS-767)