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

PC Code: 800126

? < CAS 13463-67-7 = oxide
CAS 13463-67-7 dioxide

JUL - 1 1996

OFFICE OF
PREVENTION, PESTICIDES, AND
TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: EEB Review of Inert Chemicals: Titanium
Dioxide (DP Barcode D224979)

FROM: *for H. W. T. 7-1-96*
Anthony F. Maciorowski, Chief
Ecological Effects Branch
Environmental Fate and Effects Division (7507C)

TO: Sharlene Matten
Science Analysis and Coordination Staff
Environmental Fate and Effects Division (7507C)

EEB has reviewed the inert action for titanium dioxide. This inert is intended for use as a "UV protectant" in agricultural pesticide formulations.

Submitted data indicate that titanium dioxide is very low in toxicity to mammals and fish; hazard to these organisms is not expected. No data were available on toxicity to birds or aquatic invertebrates. However, since this compound is abundant in the natural environment, the proposed use is not expected to significantly increase current levels of exposure. Thus, hazard to birds and aquatic invertebrates would not be expected from use of this inert.

Any questions or comments on this memo should be referred to Allen Vaughan at 305-6464.

Attachments



File

DP Barcode : D224979
 PC Code No : 999999
 EEB Out : JUL - 1 1996

To: Kerry Leifer
 Product Manager 45
 Registration Division (7505C)

From: Anthony F. Maciorowski, Chief
 Ecological Effects Branch/EFED (7507C)

Attached, please find the EEB review of...

Reg./File # : 6E04675
 Chemical Name : Titanium Dioxide
 Type Product : Inert Ingredient
 Product Name : Titanium Dioxide
 Company Name : Zeneca Ag Products
 Purpose : Inert clearance review.

Action Code : 205 Date Due : 07/07/96
 Scientist : A. Vaughan Date In : 05/10/96

EEB Guideline/MRID Summary Table: The review in this package contains an evaluation of the following:

GDLN NO	MRID NO	CAT	GDLN NO	MRID NO	CAT	GDLN NO	MRID NO	CAT
71-1(A)			72-2(A)			72-7(A)		
71-1(B)			72-2(B)			72-7(B)		
71-2(A)			72-3(A)			122-1(A)		
71-2(B)			72-3(B)			122-1(B)		
71-3			72-3(C)			122-2		
71-4(A)			72-3(D)			123-1(A)		
71-4(B)			72-3(E)			123-1(B)		
71-5(A)			72-3(F)			123-2		
71-5(B)			72-4(A)			124-1		
72-1(A)			72-4(B)			124-2		
72-1(B)			72-5			141-1		
72-1(C)			72-6			141-2		
72-1(D)			Mammalian Toxicity Review	439277-01	N/A	141-5		

Y=Acceptable (Study satisfied Guideline)/Concur

P=Partial (Study partially fulfilled Guideline but additional information is needed)

S=Supplemental (Study provided useful information but Guideline was not satisfied)

N=Unacceptable (Study was rejected)/Nonconcur