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

OCT 24 1986

OFFICE OF
PESTICIDE AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: UCB Chemicals Corporation - Response to the Thiram
Registration Standard (Accession No. 264185
Dated August 7, 1986) RCB No. 1388

FROM: Gobind P. Makhijani, Chemist *G. Makhijani*
Residue Chemistry Branch
Hazard Evaluation Division (TS-769C)

TO: Lois A Rossi, Acting PM 21
Fungicide-Herbicide Branch
Registration Division (TS-767C)

and

Amy Rispin, Chief
Science Integration Staff
Hazard Evaluation Division (TS-769C)

THRU: William Boodee, Section Chief *WB*
Reregistration Section
Residue Chemistry Branch
Hazard Evaluation Division (TS-769C)

In response to the Product Chemistry Chapter of the Thiram Registration Standard, the UCB Chemical Corporation has submitted additional information for their thiram MP (EPA Registration No. 4578-1) under topic 62-3.

²
These data and our conclusions are discussed below. An updated table B for this thiram MP is also attached.

62-3 Analytical Methods to Verify Certified Limits:

The registrant has submitted validation data for the analytical methods used to verify certified limits for thiram and impurities. This information is acceptable and no further data is needed.

Attachment I: Table B (3 pages)

cc: Thiram Registration Standard, S.F. Reviewer, RBP,
PMSD/ISB (E.Eldredge), PM#21, R.F., Circ., TOX (Coberly).

TABLE B. Summary of Product Chemistry Data Submitted for Thiram: Registration No. 8326-2 (Prochimie), 45728-1 (UCB) and 1187-131 (Virginia Chemical).1/

§158.120 - PRODUCT CHEMISTRY

Guideline Citation and Name of Test	Test Substance	Guidelines Status	Are Additional Data Required?		References
			Yes	No	
61-1 - Product Identity and Disclosure of Ingredients (§163.61-4)	MP	R	X		See Registration Standard
61-2 - Description of Beginning Materials & Manufacturing Process (§163.61-4)	MP	R	X		Acc. 257236, 257217
61-3 - Discussion of Formation of Ingredients (§163.61-5)	MP	R	X		Acc. 257236

ANALYSIS AND CERTIFICATION OF PRODUCT INGREDIENTS:

62-1 - Preliminary Analysis of Product Samples (§163.61-7)	MP	R	X		Acc. 257236, 257218
62-2 - Certification of Ingredient Limits (§163.61-6)	MP	R	X		Acc. 257236, 257218
62-3 - Analytical Methods to Verify Certified Limits (§163.61-7)	MP	R	X		Acc. 257236, 257218, 264185

PHYSICAL AND CHEMICAL CHARACTERISTICS:

63-2 - Color (§163.61-8(c)(1))	MP	R	X		Acc. 257219
63-3 - Physical State (§163.61-9(c)(7))	MP	R	X		Acc. 257219

TABLE B (Cont'd)

§158.120 - PRODUCT CHEMISTRY

Guideline Citation and Name of Test	Test Substance	Guidelines Status	Are Additional Data Required?		References
			Yes	No	
<u>PHYSICAL AND CHEMICAL CHARACTERISTICS:</u>					
63-4 - Odor [§163.61-8(c)(2)]	MP	R	X		Acc. 257236, 257219
63-5 - Melting Point [§163.61-8(c)(3)]	MP	R	X		Acc. 257236, 257219
63-6 - Boiling Point [§163.61-8(c)(8)]	MP	N/A	X		---
63-7 - Density, or Bulk Density [§163.61-8(c)(8)]	MP	R	X		Acc. 257219
63-8 - Solubility [§163.61-8(c)(4)]	MP or PAI	R	X		Acc. 257236, 257219
63-9 - Vapor Pressure [§163.61-8(c)(10)]	PAI	R	X		Acc. 259248
63-10 - Dissociation Constant	PAI	R	X		Acc. 259809
63-11 - Octanol/Water Partition Coefficient [§163.61-8(c)96]]	PAI	R	X		Acc. 257236, 257219
63-12 - pH [§163.61-8(c)(11)]	MP	R	X		Acc. 257219
63-13 - Stability [§163.61-8(c)(5)]	MP	R	X		Acc. 257236, 257219
63-14 - Oxidizing or Reducing Action [§163.61-8(c)(14)]	MP	R	X		

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