ANNEX A

Thiram

A.1 List of the tests and studies evaluated

A.1.1 Identity

A.1.1.1a Identity of the active substance - Uniroyal (Annex IIA 1; Annex IIIA 1, 3.1 to 3.4)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 1.8	anonymous	Method of manufacture Statement generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. (< doc. J) Company file No.: - Date: -	no	yes
IIA 1.11	Forbes P.	Thiram technical composition and identification of impurities Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10500, GRL-10502 Date: April 21, 1995	yes	no

A.1.1.1b Identity of the active substance - UCB (Annex IIA 1; Annex IIIA 1, 3.1 to 3.4)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 1.8	anonymous	Method of manufacture Statement generated by: UCB Chemicals Submitted by: UCB Chemicals (< doc. J) Company file No.: - Date: -	no	no
IIA 1.10	anonymous	Identity of isomers, impurities and additives Statement generated by: UCB Chemicals Submitted by: UCB Chemicals (< doc. J) Company file No.: - Date: -	no	no
IIA 1.11	Forbes, P. J. Mertz, J. L.	Composition and identification of impurities in Thiram produced by UCB Chemicals Generated by : Uniroyal Chemical, Ltd. Submitted by : UCB Chemicals Company file No. : Uniroyal Project No. 97034 Date : September 26, 1997	yes	no
IIA 1.11	Van de Putte, M.	Analysis of 5 samples of Thiram technical Generated by : UCB Chemicals	no	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Submitted by : UCB Chemicals Company file No. : Report W/RL/9706/001 Date : June 16, 1997		

A.1.1.1c Identity of the active substance - FMC Foret (Annex IIA 1; Annex IIIA 1, 3.1 to 3.4)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 1.8	anonymous	Operations manual Tiuram plant - Vinaros Factory Generated by: FMC Foret Submitted by: FMC Foret (< doc. J) Company file No.: FORET-MPI-803 Date: February 1995	no	no
IIA 1.10	anonymous	Identity of isomers, impurities and additives Statement generated by: FMC Foret Submitted by: FMC Foret (< doc. J) Company file No.: - Date: April, 1995	no	no
IIA 1.11	anonymous	Analytical profile of batches Statement generated by : FMC Foret Submitted by : FMC Foret (< doc. J) Company file No. : - Date : April, 1995	no	no

A.1.2 Physical and chemical properties

A.1.2.1 Physical and chemical properties of the active substance (Annex IIA 2)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 2.7	Baele, G. Van de Putte, M. Demuynck, M.	Solubility of Thiram in ethyl acetate Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Report W/RL/9709/001 Date: September 8, 1997	no	no
IIA 2.13	Beylingstr, W.	Characteristic explosion quantities of Tetramethylthiuram Disulfide (TMTD) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BVS/323/257/81 Date: June 17, 1982	no	no
IIA 2.7	Danschutter, J.	TMTD technical : solubility Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Report WL n° 04/85 addendum Date: May 9, 1985	no	no
IIA 2.5.1 IIA 2.5.2	Forbes, P.J.	Thiram technical composition and identification of impurities Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: Uniroyal project 93125 Date: April 25, 1995	yes	no
IIA 2.9.3	Knoch, E.	Determination of the direct phototransformation of ^{14}C-Thiram in a buffered medium at pH 7 Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC Project No. 449600 Date: March 02, 1994	yes	no
IIA 2.8	Lemal, R.	TMTD: Determination of octanol/water partition coefficient Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: LPCD No 78 Date: January, 1983	no	no
IIA 2.3.1	Lemal, R.	Determination of vapor pressure of TMTD (Tetramethylthiuram disulfide) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: LPCD No 150/85	no	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference Date: 1985	GLP GEP	Published or not
IIA 2.9.2	Mc Manus, J.P.	Identification of the aqueous photodegradation products of ^{14}C-Thiram Generated by: Thiram task Force I Submitted by: Thiram Task Force I Company file No.: Uniroyal Proj. 8926 (T.8.1.8) Date: May, 1990	yes	no
IIA 2.9.1	Norris, K.J.	Determination of the hydrolysis rate of ^{14}C- thiram Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: ADC Project No 1156 Date: January 11, 1991	yes	no
IIA 2.5.1	Penny, H.B.	Determination of the infrared spectrum of Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-FR-10697 Date: March 14, 1995	yes	no
IIA 2.3.2	Pierce, J.B.	Henry's law constant - Thiram Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: Report #9520 Date: March 23, 1995	no	no
IIA 2.5.1	Pouchert, C.J.	NMR spectrum of Thiram The Aldrich Library of NMR Spectra, Edition II, Volume 1, 1983, page 689C Submitted by: Thiram Task Force I	no	yes
IIA 2.4.1	Riggs, A.S.	The colour of Technical Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10489 Date: February 4, 1994a	yes	no
IIA 2.4.1	Riggs, A.S.	The colour of purified Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10488 Date: February 4, 1994b	yes	no
IIA 2.4.1	Riggs, A.S.	The physical state of purified Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10490 Date: February 7, 1994c	yes	no
IIA 2.4.1	Riggs, A.S.	The physical state of technical Thiram Generated by: Uniroyal Chemical, Ltd.	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10491 Date: February 7, 1994d		
IIA 2.4.2	Riggs, A.S.	The odour of Technical Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10493 Date: February 4, 1994e	yes	no
IIA 2.4.2	Riggs, A.S.	The odour of purified Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10492 Date: February 4, 1994f	yes	no
IIA 2.1.1	Riggs, A.S.	The melting point range of purified Thiram. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10494 Date: July 27, 1994g	yes	no
IIA 2.9.4	Thomson, P.A.	Determination of the dissociation constant of pure grade Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-FR-10496 Date: February 2, 1995	yes	no
IIA 2.2	Tutty, D.G.	Determination of the density of Thiram Technical. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10494 Date: October 14,1993a	yes	no
IIA 2.6	Tutty, D.G.	Determination of the solubility of Thiram in water Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10497 (93166) Date: December 23, 1993b	yes	no
IIA 2.7	Tutty, D.G.	Determination of the solubility of Thiram in organic solvents Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10498 (93167) Date: December 23, 1993c	yes	no
IIA 2.5.1	Tutty, D.G.	Determination of the ultraviolet visible absorption spectrum of pure grade Thiram. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd.	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Company file No.: GRL-10495 (93164) Date: January 24, 1994		
IIA 2.9.4	Van Beylen, M.	The conductances of tetramethylthiuram Disulfides (one page summary-correspondence) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: none Date: July 4, 1985	no	no

A.1.2.2a Physical and chemical properties of the formulation Vitavax 200FF (Annex IIIA 2)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIIA 2.2.1	Charlton, A Plain, K.E. Macnab, J.I.	Thermal stability of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.18 Date: September 6, 1994	yes	no
IIIA 2.7.1	Harpum, R. Mc Kelvie, M.	Generation of storage stability data on a sample of Vitavax 200FF taken from a commercial production batch of this formulation Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.1 Date: August 24, 1993	yes	no
IIIA 2.8.6.1	Harpum, R. Mc Kelvie, M.	Determination of the particle size distribution of samples of Vitavax 200FF taken from five commercial production batches of this formulation Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.9 Date: April 7, 1994a	yes	no
IIIA 2.8.8.2	Harpum, R. Mc Kelvie, M.	Determination of pourability of samples of Vitavax 200FF taken from five commercial produciton batches of this formulation Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.8. Date: September 6, 1994b	yes	no
IIIA 2.7.3	Harpum, R.	Vitavax 200FF - Two year storage report Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.13 Date: April 28, 1994a	no	no
IIIA 2.7.1 IIIA 2.7.2 IIIA 2.8.5	Harpum, R.	Generation of physical chemical data and storage stability data on samples of Vitavax 200FF taken from five commercial batches of this formulation Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.19 Date: August 31, 1994b	yes	no
IIIA 2.6.1	McKelvie, M. Harpum, R.	Determination of the density of a commercial production batch of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.7	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Date: September 5, 1994		
IIIA 2.8.3	Parsons, A.H.	Determination of suspensibility of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.10 Date: July 16, 1994a	yes	no
IIIA 2.5.1	Parsons, A.H.	Determination of the Dynamic Viscosity of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.11 Date: July 16, 1994b	yes	no
IIIA 2.2.2	Thomson, P.A.	The oxidizing and reducing action of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92116 Date: August 20, 1993	yes	no
IIIA 2.3	Tremain, S.P. Bartlett, A.J.	Vitavax 200FF - Determination of autoignition temperature Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.17 Date: August 3, 1994	yes	no
IIIA 2.4.1	Tutty, D.G.	Determination of the pH of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92115 Date: March 1, 1993a	yes	no
IIIA 2.3	Tutty, D.G.	The flammability of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.5. Date: March 4, 1993b	yes	no
IIIA 2.1	Tutty, D.G.	The physical state of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92113 Date: March 15, 1993c	yes	no
IIIA 2.1	Tutty, D.G.	Determination of the colour of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92112 Date: January 5, 1994a	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIIA 2.1	Tutty, D.G.	Determination of the odor of Vitavax 200FF Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92114 Date: January 5, 1994b	yes	no

A.1.2.2b Physical and chemical properties of the formulation Thiram 80WG (Annex IIIA 2)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIIA 2.6.2	Hogg, A.S.	Thiram 75 WG - Determination of Bulk Density Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Project No 457/1 (c) Date: June 12, 1992	yes	no
IIIA 2.8.3	Janssens, P. Van de Putte, M. Demuynck, M.	Dispersibility of Thiram 80 WG Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Report W/RL/9709/003 Date: September 29, 1997	no	no
IIIA 2.4.2 IIIA 2.7.1 IIIA 2.8.1 IIIA 2.8.2 IIIA 2.8.3 IIIA 2.8.5 IIIA 2.8.6.2 IIIA 2.8.8.1	Van de Putte, M.	Analysis of Thiram 80 WG, Thiram technical, Ziram 76 WG, Ziram technical, for FAO specifications Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Report W/RL/9507/001 Date: July, 1995	no	no
IIIA 2.7.3 IIIA 2.8.8.1	Van de Putte, M. Demuynck, M.	Thiram 80 WG - Storage stability test (3 years) : Analysis report Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: - Date: August 1, 1997a	no	no
IIIA 2.8.6.1	Van de Putte, M. Demuynck, M.	Dry sieving test on Thiram 80 WG Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Report WPUM/9709/001 Date: September 2, 1997b	no	no

A.1.2.2c Physical and chemical properties of the formulation Thiram 75WG (Annex IIIA 2)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIIA 2.4.2	Else, H.J.	Thiram 75 WG - Determination of pH Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Project No 457/1 (d) Date: June 12, 1992a	yes	no
IIIA 2.7.1	Else, H.J.	Thiram 75 WG - Accelerated Storage Stability Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Project No 457/2 Date: July 13, 1992b	yes	no
IIIA 2.7.3	Else, H.J. Mullee, D.M. Bartlett, A.J.	Thiram 75 WG - Storage Stability Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Project No 457/3 Date: June 8, 1993	yes	no
IIIA 2.6.2	Hogg, A.S.	Thiram 75 WG - Determination of Bulk Density Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Project No 457/1 (c) Date: June 12, 1992	yes	no

A.1.3 Data on application and further information

A.1.3.1 Data on application and further information on the active substance (Annex IIA 3)

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A.1.3.2 Data on application and further information on the formulation : Thiram 75 WG (Annex IIIA 4)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIIA 4.1.2	Wittebolle M.	Tests on fibreboard boxes (4G) intended to be used for the transport of dangerous goods of the packaging groups II and III Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: G-95.043 Date: March 6, 1995	no	no

A.1.4 Methods of analysis

A.1.4.1 Methods of analysis for the active substance (Annex IIA 4)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 4.1	anonymous	Determination of Thiram and impurities in Thiram Technical Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: Uniroyal, No. AC-1139 (T3.1.1.) Date: not given	no	no
IIA 4.2.1	anonymous	Determination of Thiram in fish Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.:none Date: January 1988	no	no
IIA 4.2.1	anonymous	Gas chromatographic determination of Thiram by carbon disulfide (CS_2) evolution. Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: MP-THIR-MA Date: July 13, 1988	no	no
IIA 4.2.1	anonymous	Gas chromatographic determination of dithioglucoside by carbon disulfide (CS_2) evolution Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: 4.2.1/08 Date: July 13, 1988	no	no
IIA 4.1	anonymous	Determination of impurities in Thiram phyto Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: none Date: March, 1994	no	no
IIA 4.2.1	Blundstone, H.A.W.	Determination of residues of dithiocarbamate pesticides in foodstuffs by a headspace gas chromatographic method Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.: TES-AC-003 Date: September 1991	no	no
IIA 4.2.1	Gatti, G.	Determination of residues of Thiram on plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations - liquid chromatograph method. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Study LN 14/HP - GLP	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference Date: December 11, 1992a	GLP GEP	Published or not
IIA 4.2.1	Gatti, G.	Determination of residues of Thiram on plums, pears, peaches, cherries and apples in compliance with GLP - CS_2 headspace detection method Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Study LN 14/HD - GLP Date: December 11, 1992b	yes	no
IIA 4.2.2 IIA 4.2.3	Procopio, J.R. Escribano, M.T.S. Hernandez, L.H.	Determination of Thiram in water and soils by cathodic stripping voltammetry based on adsorptive accumulation Fresenius Z. Anal. Chem., Vol. 311, pp.27-29 1988	no	yes
IIA 4.2.1	Roland, L. Gocha, N. Lenoir, L. Frennet, M. Hacourt, P.	Selective method for the determination of residues of Thiram in crops Med. Fac. Landbouww. Univ. Gent., Vol. 57, (3b), pp. 1255-1260, 1992	no	yes
IIA 4.2.1	Weber, H.	Validation of the HPLC method for the determination of the residues of Thiram in vine (grapes and wine) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BAS-9302V Date: October 25, 1993	yes	no
IIA 4.2.1	Weber, H.	Validation of the HPLC method for the determination of the residues of Thiram in vine (wet and dry pomace, must) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BAS-9301V Date: February 21, 1994	yes	no

A.1.5 Toxicology and metabolism (Annex IIA 5; Annex IIIA 7)

A.1.5.1 Toxicology and metabolism of the active substance (Annex IIA 5)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 5.9.1	Andreyev , M. and Kvartovkina, L.	Impairment of reproductive health in women occupatiopally exposed to Thiram; Reference: Reproductive Toxicol.,7 (5), 491 Date:1993	no	yes
IIA 5.1	Banijamali, A.R. Gay, M.H.	Elimination and distribution of Thiram following nine week sub-chronic administration in rats (multiple dose treatment) Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal proj. No. 87114, 8850, 8850-1 Date: February 28, 1992	yes	no
IIA.5.9.4	Borup, C., Kaiser,A., Jensen,E.	Long-term antabuse treatment : tolerance and reasons for withdrawal. Reference: Acta Psychiatr Scand suppl. 369: 47-49, 1992	no	yes
IIA 5.9.3	Brouwer,R., Brouwer,D.H., De Mik,G., Maas,Ch. and van Hemmen,J.J.	Pesticides in the cultivation of carnations in greenhouses: Part I- exposure and concomitant health risk. Reference: Am. Ind. Hyg. Assoc. J.,53(9), 575-581. Date: 1992	yes	no
IIA 5.9.3	Caraffini, P.L. and Assalve,D.	Irritation and sensitization potential of pesticides. Reference: Contact Dermatitis, 17, 212-218 Date: 1987	yes	no
IIA 5.7.2	Cheng- Chun Lee and Peters, P.J.	Neurotoxicity and behavioral effects of Thiram in rats. Reference: Environ. Health Perspect.,17, 35-43 Date: 1976	yes	no
IIA 5.5.1	Cheng-Chun,L., Russell,J.Q. and Minor,J.L.	Oral toxicity of ferric dimethyldithiocarbamate (ferbam) and tetramethylthiuram disulfide (Thiram) in rodents. reference: J.Toxicol. Environ. Health, 4, 93-106 Date: 1978	yes	no
IIA 5.4	Crebelli,R., Paoletti,A;, Falcone, E., Aquilina, G., Fabri,G. and Carere,A.	Mutagenicity studies in a tyre plant: in vitro activity of workers urinary concentrates and raw materials. Reference: Br.J.Ind.Med.,42,481-487. Date: 1985	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 5.4	Crebelli, R., Zijno,A., Conti,L.,Croch,B., Leopardi,P., Marcon,F., Renzi,L. and Carere, A.	Further *in vitro* and *in vivo* mutagenicity assays with Thiram and ziram fungicides: bacterial reversion assays and mouse micronucleus test. Reference: Teratogenesis, Carcinogenesis and Carcinogenesis, 12, 97-112 Date: 1992	yes	no
IIA 5.8.2	Dalvi ,R.R., Robbins, T.J., Williams, M.K., Deoras,D.P., Doastorg,F. and Banks,C.	Thiram-induced toxic liver injury in male Sprague-Dawley rats. Reference: J.Environ. Sci. Health, B19(8&9), 703-712. Date: 1984	yes	no
IIA 5.8.2	Dalvi,R.R. and Deoras, D.P.	Metabolism of a dithiocarbamate fungicide Thiram to carbon disulfide in the rat and its hepatotoxic implications reference: Acta Pharmacol. Toxicol., 58, 38-42 Date: 1986	yes	no
IIA 5.4.1	Debets, F.M.H. Enninga, .C.	Evaluation of the mutagenic activity of THIRAM Technical in an *in vitro* mammalian cell gene mutation test V79 Chinese hamster cells Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: T.7.7.6. Date: May 1986	yes	no
IIA 5.4	Donner,M.	Use of *Drosophila* as indicator of risk chemicals in rubber factory Reference:SGF publications57,,47-53 Date:1981	no	yes
IIA 5.4	Donner,M., Husgafvel-Pursiainen,K., Jenssen,D. and Rannug,A.	Mutagenicity of rubber additives and curing fumes. Reference: Scand.J.Work. Environ.Health,9 27-37 Date:1983	no	yes
IIA 5.7	Driscoll, C.D. Hurley, J.M.	Thiram single exposure peroral (gavage) neurotoxicity study in rats Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.:T.7.5.1. Date: July 26, 1993a	yes	no
IIA 5.7	Driscoll, C.D.	Thiram: Ninety day dietary neurotoxicity study in Sprague-Dawley rats	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
	Hurley, J.M.	Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.5.2. Date: October 30, 1993b		
IIA 5.4	Dulout,F.N., Olivero,O.A. and Pastori,M.	The mutagenic effect of Thiram analysed by the micronucleus test and anaphase-telophase test. Reference: Mutation Res.,105, 409-412 date:1982	no	yes
IIA 5.3.3	Edwards, J.A. Mcrae, I.A. Gibson, W.A. Crook, D. Gopinath, C. Singh, H.	Thiram Technical-Twenty-one day dermal toxicity study in rabbits Generated by:UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB 421/920767 Date: November 12, 1992	yes	no
IIA 5.9.3	Feinman,S.E	Sensitivity to rubber chemicals. reference:J.Toxicol.-Cut & Ocular Toxicol.,6(2),117-153. Date:1987	no	yes
IIA 5.4	Franekic,J., Bratulic,N., Pavlica,M. and Papes,D.	Genotoxicity of dithiocarbamates and their metabolites Reference: Mutation Res.,325,65-74 Date:1994	no	yes
IIA 5.1	Gay, M.H.	Rat metabolism of ^{14}C-Thiram single dose study Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Study No. 87003B (T.8.3.2.) Date: October 21, 1987	yes	no
IIA 5.8.2	Gupta, M. and Amma M.K.P.	Alterations in hepatic biochemistry of mice intoxicated with MIC, Carbaryl and Thiram. reference: J. Appl. Toxicol.,13(1),33-37 Date: 1993a	no	yes
IIA 5.2	Gupta ,M., Amma,M. and Gupta,K.G.	Membrane disordering effect of Thiram as assessed by brain synaptosomal and erythrocyte membrane constituents. reference: Bull. Environ. Contam. Toxicol.,764-771 Date:1993b	no	yes
IIA 5.9.3	Grey,W., Marthre,D.E. and Rogers,S.J.	Potential exposure of commercial seed-treating applicators to the pesticides carboxin-Thiram and lindane. Reference: Bull. Environ. Contam.Toxicol.,31, 244-250. Date:1983	no	yes
IIA 5.5	Hasegawa, R., Takahashi, M.	Carcinogenicity study of tetramethylthiuram disulfide (Thiram) in F344 rats.	No	Yes

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
	Furukawa, F., Toyoda, K., Sato,H., Junejang,J.A. and Hayashi, Y.	Toxicology, 51, 155-165 Date: 1988		
IIA 5.4	Hedenstedt,A;, Rannug,U.,Ramel, C. and Wachtmeister C.A.	Mutagenicity and metabolism studies on 12 thiuram and dithiocarbamate compounds used as accelerators in the Swedish rubber industry. Reference: Mutation Res.,68,313-325 Date: 1979	No	Yes
IIA 5.4	Hemavathi,E. and Rahiman,M.	Toxicological effects of ziram, Thiram and dithane M-45 by sperm shape abnormalities in mice. Reference: J. Toxicol.Environ.Health, 38, 393-398. Date:1993	No	Yes
IIA 5.2.3	Holbert,M.S.	Rat acute inhalation toxicity, Thiram technical Generated by : Stillmeadow, Inc. Biological testing laboratory, 9525 Town Park Drive, Houston Texas 77036. Thiram Task force I Submitted by: Thiram Task force I Company file: project n°.4730-87 Date: 1987	Yes	No
IIA 5.8.2	Ito, N., Tsuda,H., Tatematsu,M., Inoue,T., Tagawa,Y., Aoki,T., Uwagawa,S., Kagawa,M., Ogiso,T., Masui,T., Imaida,K., Fukushima,S. and Asamoto,M.	Enhancing effect of various hepatocarcinogens on induction of preneoplastic glutathione S-transferase placental form positive foci in rats- an approach for a new medium-term bioassay system. Reference: Carcinogenesis, 9,387-394 Date: 1988	no	yes
IIA 5.4	Kada ,T., Moriya,M. and Shirasu,Y.	Screening of pesticides for DNA interactions by “Rec assay” and mutagenesis testing, and frameshift mutagens detected. Reference: Mutation Res.,26, 243-248 Date:1974	no	yes
IIA 5.3.1	Kehoe, D.F.	Four week range-finding study with Thiram in dogs Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.3.1. Date: March 24, 1988a 13-Week toxicity study with Thiram in dogs	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 5.3.2	Kehoe, D.F.	Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.3.3. Date: March 26, 1988c	Yes	no
IIA 5.3.2	Kehoe, D.F.	13-Week toxicity study with Thiram in rats. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.3.4. Date: March 23, 1988b	yes	no
IIA 5.3.1	Kehoe, D.F.	Four week dietary range-finding study with Thiram in mice Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.3.2. Date: August 23, 1989	yes	no
IIA 5.5	Kehoe, D.F.	104-Week Combined chronic toxicity study with Thiram in rats Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: HLA-6111-113 Date: October 16, 1991a	yes	no
IIA 5.3.2	Kehoe, D.F.	52-Week dietary chronic toxicity study with Thiram in dogs Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.4.3. Date: June 28, 1991b	yes	no
IIA 5.9.5	Liesivuori,J. and Savolainen, K.	Dithiocarbamates. Reference: Toxicology,91,37-42 Date:1994	no	yes
IIA 5.1	Liu, D.D.W. and Robinson,R.A.	Distribution and metabolim of ^{14}C-Thiram in plants from treated sugarbeet seed Generated by : Uniroyal Chemical Co.Inc. Bethany CT and Xenobiotic laboratories, Inc.,107 Morgan Lane, Plainsboro, NJ 08536. Thiram Task force II Submitted by: Thiram Task force II Company file: Uniroyal studyXBL93031; report n°. RPT00202 Date:1994	yes	no
IIA 5.3.1	Lowy, R., Griffaton, G., Brigant,B., Ardouin, B. and	The dietary no-effect level of a dithiocarbamate fungicide, Thiram, as evaluated from measurement data on rats. II. The various sensitivities of the various parameters.	no	yes

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
	Dupuy,F.	Reference: Toxicology, 14, 39-53. Date: 1979		
IIA 5.2.3	Holbert,	Rat acute inhalation toxicity, Thiram Technical Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: T.7.1.1. Date: May 5, 1987	yes	no
IIA 5.1	Mc Manus, J.P.	Metabolism of ^{14}C-Thiram in the rat: Urinary metabolite identification Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal proj. No.8926A (T.8.3.5) Date: February, 1991	yes	no
IIA 5.5	Maita, K., Tsuda,S. and Shirasu,Y.	Chronic toxicity studies with Thiram in Wistar rats and Beagle dogs. reference: Fundamental and Applied Toxicology, 16, 667-686. Date:1991	no	yes
IIA 5.6	Matthiaschk,G.	Über den Einfluss von L-cystein auf die Teratogenese durch Thiram bei NMRI-mäusen, reference: Arch. Toxikol.,30,251-262 Date: 1973	no	yes
IIA 5.3.2	Mishra,V., Srivasatva,M.and Raizada,R.	Testicular toxicity of Thiram in rat: morphological and biochemical evaluations. Reference: Ind.Health, 31,59-67. Date:1993	no	yes
IIA 5.4	Moriya,M., Ohta,T.,Watanabe, K.,Miyazawa,T.,Kato,K and Shirasu,Y.	Further mutagenicity studies on pesticides in bacterial reversion assay systems. Reference:Mutation Res., 116,185-216. Date: 1983	no	yes
IIA 5.4	Mosesso,P., Turchi,G. Cinelli,S., Di Chiara,D., Fiore,M. and Palitti,F.	Clastogenic effects of the dithiocarbamate fungicides Thiram and ziram in chinese hamster cell lines cultured *in vitro*. Reference: Teratogenesis, Mutagenesis and Carcinogenesis, 14, 145-155 Date:1994	no	yes
IIA 5.2.5	Mulder, D.E.	Assessment of eye irritation by THIRAM Technical in the rabbit Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.:T.7.1.4 Date: June 1985	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 5.1	Nomeir, A.A. Markham, P.	Disposition and metabolism of Thiram in rats after pretreatment with Thiram for 14 days Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Project No. 9049 (T.8.3.4) Date: November 19, 1990	yes	no
IIA 5.1	Norris, K.J.	Determination of volatile ^{14}C residues from rats orally administered ^{14}C-Thiram Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal proj. No. 8839 Date: February 27, 1989	yes	no
IIA 5.1	Norris, K.J.	Identification and comparison of urinary metabolite profiles of ^{14}C-Thiram in subchronic vs single oral dose in rats. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal proj. No. 8833 (T.8.3.8) Date: December 19, 1991	yes	no
IIA 5.1	Norris,K.J.	Determination of the metabolic fate of ^{14}C-Thiram orally administered to lactating goats Generated by: Colorado State University, Metabolic laboratory, Fort Collins, Colorado, 80523 and Analytical Development Corporation, 4405 North Chestnut street, Colorado Springs, Colorado, 80907. Thiram Task force II Submitted by: Thiram Task force II Company file: ADC report n°.1057-1 Date: 1993a	no	yes
IIA 5.1	Norris,K.J.	Determination of the metabolic fate of ^{14}C-Thiram orally administered to laying hens Generated by: Colorado State University, Metabolic laboratory, Fort Collins, Colorado, 80523 and Analytical Development Corporation, 4405 North Chestnut street, Colorado Springs, Colorado, 80907. Thiram Task force II Submitted by: Thiram Task force II Company file: ADC report n°.1058-1 Date: 1993b	no	yes
IIA 5.1	Nowakowski,M.A	Identification of metabolites in Cotton, Wheat and Soybean seedlings grown from ^{14}C-Thiram treated seeds. Generated by: Uniroyal Crop Protection Research and Development, Bethany and Naugatuck, CT. .	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Thiram Task force I Submitted by: Thiram Task force I Company file: project n°.8565-C Date: 1987		
IIA 5.4	Paik,S.G. and Se Yong Lee,	Genetic effects of pesticides in the mammalian cells.I. Induction of micronucleus. Korean J.Zool.,20, 19-28 Date:1977	no	yes
IIA 5.4	Paschin ,Yu.V.and Bakhitova, L.M.	Mutagenic effects of Thiram in mammalian somatic cells. Reference: Fd. Chem. Toxicol., 23, 373-375 Date:1985	no	yes
IIA 5.4	Perocco,P., Santucci,M.A., Campani,A.G. and Cantelli-Forti,G.	Toxic and DNA-damaging activities of the fungicides Mancozeb and Thiram (THIRAM) on human lymphocytes *in vitro*. Reference: Teratogenesis, Carcinogenesis and Carcinogenesis, 9, 75-81 Date: 1989	no	yes
IIA 5.4	Pienkowska,M. and Zielenska,M.	Genotoxic effects of Thiram evaluated by sister-chromatid exchanges in human lymphocytes. Reference: Mutation Res.,245, 119-123 Date: 1990	no	yes
IIA 5.4.1.	Poth, A.	*Salmonella typhimurium* reverse mutation assay with Thiram Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CCR 175116 Date: August 6, 1990	yes	no
IIA 5.4.1	Putman, D.L.	Chromosome aberrations in chinese hamster ovary (CHO) cells Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: T.7.7.3. Date: November 2 , 1987a	yes	no
IIA 5.4.2	Putman, D.L.	Micronucleus cytogenetic assay in mice. Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: T.7.7.5. Date: November 9, 1987b	yes	no
IIA 5.4	Prasad, M., Pushpavathi,K., Rita,P and Reddy,P.	The effect of Thiram on the germ cells of male mice Reference: Fd. Chem. Toxicol.,25,709-711 Date: 1987	no	yes
IIA 5.4	Rannug,A. and	Enzyme inhibition as a possible mechanism of the	no	yes

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
	Rannug,U.,	mutagenicity of dithiocarbamic acid derivatives in *Salmonella typhimurium* Reference: Chem.Biol. Inter.,49, 329-340 Date: 1984		
IIA 5.4	Rannug,A. Rannug,U.,1 and Ramel C.	Genotoxic effects of additives in synthetic elastomers with special consideration to the mechanism of action of thiurames and dithiocarbamates. Reference: Progress Clin. Biol. Res.,141,407-419 Date: 1984	no	yes
IIA 5.6	Robens, J.A.	Teratologic studies of carbaryl, diazinon, disulfiram and Thiram in small laboratory animals Reference: Toxicol. Apll. Pharmacol., 15, 152-163 Date: 1969	no	yes
IIA 5.4	Rocchi,P., Perocco,P, Alberghini,W., Fini,A. and Prodi.G.	Effect of pesticides on scheduled DNA synthesis of rat thymocytes and human lymphocytes. Reference: Arch.Toxicol.,45, 101-108 Date:1980	no	yes
IIA 5.6	Roll, R.	Teratologische Untersuchungen mit Thiram an zwei Mäusestämmen Reference: Arch.Toxicol.,27, 173-186 Date:1971	no	yes
IIA 5.4	Rosenkranz ,H.and Leifer,Z.	Determining the DNA-modifying activity of chemicals using DNA-polymerase-deficient *Escherichia coli*. Reference: Chemical mutagens: principles and methods for their detection-vol.6.pp.109-144 In: De Serres,F.and Hollander,A. Eds. Plenum Press, N.Y. and London. Date:1980	no	yes
IIA 5.8	Schreiner,E. and Freundt, K.J.	Activities of hepatic epoxide hydrolase and glutathione S-transferase in rats under the influence of tetramethyl thiurardisulfide, tetramethyl thiutammonosulfide or dimethyl dithiocarbamate. Reference: Toxicology Letters, 25, 147-152 Date:1985	no	yes
IIA 5.6	Short,R.D., Russel,J.Q., Minor,J.L. and Cheng-Chun Lee	Developmental toxicity of ferric dimethyldithiocarbamate and bis(dimethylthiocarbamoyl)disulfide in rats and mice. Reference: Toxicol. Appl. Pharmacol., 35, 83-94 Date:1976	no	yes
	Stoker ,T.E.,	The dithiocarbamate fungicide Thiram disrupts the		

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 5.6	Goldman,J.M. and Cooper,R	hormonal control of ovulation in the female rat, Reference: Reproductive Toxicol.,7, 211-218 Date: 1993	no	yes
IIA 5.6.2	Tesh, J.M. Ross, F.W. Crisp, V.C.	Thiram: preliminary teratology study in the rabbit Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: 87/TRK003/122 Date: August 12, 1987	yes	no
IIA 5.6.2	Tesh, J.M. Ross, F.W. Crisp, V.C. Wilby, O.K. Tesh, S.A.	Thiram: teratology study in the rabbit Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: 87/TRK004/541 Date: March 15, 1988b	yes	no
IIA 5.6.2	Tesh, J.M. McAnulty, P.A. Willoughby, C.R. Higgins, C. Wilby, O.K. Tesh, S.A.	Thiram: Teratology study in the rat Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: 87/TRK002/179 Date: January 28, 1988a	yes	no
IIA 5.6.2	Tesh, J.M. McAnulty, P.A. Willoughby, C.R. Higgins, C.	Thiram: Effects of oral administration upon pregnancy in the rat (preliminary teratology study) Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: 86/TRK001/704 Date: November 27, 1986	yes	no
IIA 5.2.2	Thouin, M.H.	Evaluation of the acute dermal toxicity of THIRAM Technical in the rabbit Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: T.7.1.1. Date: June 1985b	yes	no
IIA 5.2.1	Thouin, M.H.	Evaluation of the acute oral toxicity of THIRAM Technical in the rat. Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: T.7.1.1. Date: October 1985a	yes	no
IIA 5.5	Trutter, J.A.	Oncogenicity study in mice with Thiram (5 volumes) Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.4.7. Date: March 13, 1992	yes	no
	Upshall ,A.and	Thiram-induced abnormal chromosome segregation in		

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 5.4		*Aspergillus nidulans*. Mutation Research, 89, 297-301 Johnson, P.E. Date: 1981	no	yes
IIA 5.10	Vettorazzi, G., Almeida,W.F., Burin, G.J., Jaeger,R.R., Puga,F.R., Rahde,A.F., Reyes,F.G. and Schvartsman,S.	International Safety Assessment of Pesticides: Dithiocarbamate pesticides, ETU, and PTU- A review and update. Reference: Teratogenesis, Carcinogenesis and Mutagenesis, 15, 313-337. Date: 1995	no	yes
IIA 5.4.2	Volkner, W.	Mutation assay in somatic cells of the mouse (mouse spot test) with Thiram. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CCR 200902 Date: April 24, 1991	yes	no
IIA 5.4.3	Volkner, W.	Mouse germ-cell cytogenetic assay with Thiram Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CCR 175127 Date: October 26, 1990	yes	no
IIA 5.2.4	Weterings, P.J.J.M.	Assessment of primary skin irritation by THIRAM Technical in the rabbit Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: T.7.1.1. Date: June 1985a	yes	no
IIA 5.2.6	Weterings, P.J.J.M.	Assessment of the skin sensitization potential of THIRAM Technical in the guinea pig Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: T.7.1.2.(0174/263) Date: October 1985b	yes	no
IIA 5.4.1	Weterings, P.J.J.M.	Evaluation of the DNA repair inducing ability of THIRAM technical in a primary culture of rat hepatocytes Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: T.7.7.4. Date: December 1985c	yes	no
IIA 5.8.2	Witkowska,D.,Sedrowicz, L., Oledzcka,R.,	The study of leucine and methionine transport in the gut of rats intoxicated with Thiram. Reference : Arch.Toxicol.,66, 267-271.	no	yes

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
	Szablicka, E. and Garszel,J.	Date: 1992		
IIA5.1	Wyss-Benz,M.	^{14}C-Thiram : plant metabolism study in field grown apple Generated by : RCC Umweltchemie AG P.O.Box -CH-4452 Itingen/BL, Switzerland.UCB Chemicals. Submitted by: UCB Chemicals Company file: RCC project n°.319588 Date: 1994	yes	no
IIA 5.6.2	York, R.G.	Developmental toxicity study in New Zealand White rabbits Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.:T.7.7.8. Date: February 18, 1992	yes	no
IIA 5.6.1	York, R.G.	Two generation reproduction study Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.4.4. Date: October 16, 1991	yes	no
IIA5.4	Zdzienicka,M., Zielenska,M., Tudek,B. and Szymczyk.T.	Mutagenic activity of Thiram in Ames tester strains of *Salmonella typhimurium*. Reference: Mutation Res.,68,9-13 Date:1979	no	yes
IIA5.4	Zdzienicka,M., Zielenska,M., Trojanowska,M, Szymczyk.T., Bignami, M. and Carere A	Microbial short-term assays with thiram *in vitro*. Reference: Mutation Res.,89, 1-7 Date:1981a	no	yes
IIA5.6.1	Zdzienicka,M., Zielenska,M., Hryniewicz,M, Trojanowska,M , Zalejska, M, Szymczyk.T.,	The mutagenicity of the fungicide Thiram. Reference: Progress in Mutation Res., 2, 79-86 Date:1981b	no	yes
IIA5.4	Zdzienicka,M.,Hryniewicz,M and Pienkowska,M.	Thiram induced sperm-head abnormalities in mice Reference: Mutation Res.,102, 261-264 Date:1982	no	yes

A.1.5.2a Toxicology and metabolism of the formulations : Vitavax 200FF (Annex IIIA 7)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLPG EP	Published or not
IIIA 7.1.1	Allen, S.A.	Vitavax 200FF - Acute oral toxicity to the rat Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.: 7.1.1/01 Date: April 16, 1992a	yes	no
IIIA 7.1.2	Allen, S.A.	Vitavax 200FF - Acute dermal toxicity to the rat Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.7.2.7.8. Date: February 25, 1992b	yes	no
IIIA 7.1.4	Ligget, M.P.	Vitavax 200FF - Skin irritation to the rabbit Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.7.2.7.6. Date: February 25, 1992a	yes	no
IIIA 7.1.5	Ligget, M.P.	Vitavax 200FF - Eye irritation to the rabbit Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.7.2.7.7. Date: February 25, 1992b	yes	no
IIIA 7.1.6	Parcell, B.I.	Vitavax 200FF - Skin sensitization in the guinea-pig Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.: 920038D/URL85/SS Date: February 25, 1992	yes	no
IIIA 7.2.1.1	Findlay, M. Chester, G. Mallyon B.	Seed treatment products : Worker exposure during treatment of seed with 'Baytan' Generated by: Zeneca Agrochemicals & AgrEvo UK Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: RJ1621B Date: December 12, 1994	yes	no
IIIA 7.2.1.1	Findlay, M.L. Chester, G.	Seed treatment products : Worker exposure during sowing of treated seeds with 'Baytan' Generated by: Zeneca Agrochemicals Submitted by: Uniroyal Chemical, Ltd. Company file No.: WER001 Date: February 3, 1995	yes	no
IIIA 7.2.1.1	Leplay, A.	Worker exposure during treatment of wheat seed germinate double Generated by: Rhône Poulenc Submitted by: Uniroyal Chemical, Ltd. Company file No.: 93002 HI Date: February 1995	yes	no
IIIA 7.2.1.1	Leplay, A.	Worker exposure during drilling of wheat seed germinate double Generated by: Rhône Poulenc Submitted by: Uniroyal Chemical, Ltd.	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Company file No.: 93003 HI Date: March 1995		
IIIA 7.2.1.1	Chester Wiseman Pontal	Worker exposure during seed treatment and sowing of treated seed in the UK and France : overview Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.8 Date: September 6, 1994	yes	no

A.1.5.2b Toxicology and metabolism of the formulations : Thiram 75 WG (Annex IIIA 7)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIIA 7.1.2	Baldrick, P.	Thiram 75 WG: Acute dermal toxicity to the rabbit. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 91853D/UCB 400/AC Date: January 15, 1992	yes	no
IIIA 7.1.1	Cuthbert, J.A. Jackson, D.	THIRAM 80 % WG acute oral (LD_{50}) tests in rats Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: IRI 5784 Date: May 2, 1989	yes	no
IIIA 7.1.6	Daamen, P.A.M.	Contact hypersensitivity to Thiram 75 WG in the albino guinea pig (split adjuvant test) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.:RCC 061526 Date: December 2, 1991	yes	no
IIIA 7.1.5	Ligget, M.P. McRae, L.A.	Eye irritation to rabbits with Thiram 75 WG Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 91737DUCB 402/SE Date: December 11, 1991b	yes	no
IIIA 7.1.4	Ligget, M.P. McRae, L.A.	Thiram 75 WG: Skin irritation to the rabbit. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 9173gD/UCB 401/SE Date: December 11, 1991a	yes	no

A.1.6 Residue data (Annex IIA 6, Annex IIIA 8)

A.1.6.1 Stability and metabolism data

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 6.0	Christman, P.J.	78-Week frozen storage stability of Thiram and dithioglucoside of Thiram in crops Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: HLA 6111-126 A-L Date: June 23, 1992	no	no
IIA 6.1	Harned, W.H. Tortora, N.J.	Uptake and distribution of ^{14}C-Thiram in cotton , soybean and wheat Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: Project no. 8565-A Date: May 1986	no	no
IIA 6.1	Liu, D.D.W. Robinson, R.A.	Distribution and metabolism of ^{14}C Thiram in plants from treated sugarbeet seed Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal study No. 92252 Date: November 1, 1994	yes	no
IIA 6.1	Liu, D.D.W. Robinson, R.A.	Uptake and translocation of [14C]-Thiram in plants from treated wheat seed Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal proj. No. 91181 Date: November 4, 1994	yes	no
IIA 6.1	Liu, D.D.W. Robinson, R.A.	Uptake and translocation of [14C]-Thiram in plants from treated soybean seed Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal proj. No. 92161 Date: November 1, 1994	yes	no
IIA 6.1	Morgenroth U.	14C-Thiram: Plant metabolism study in field grown grapes Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Date: July 4, 1995	yes	no
IIA 6.2.	Norris, K.J.	Determination of the metabolic fate of [^{14}C]-Thiram orally administred to lactating goats Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.:ADC report No. 1057	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference Date: February 16, 1993	GLP GEP	Published or not
IIA 6.2.	Norris, K.J.	Determination of the metabolic fate of [^{14}C]-Thiram orally administred to laying hens Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.:ADC report No. 1058-1 Date: September 17, 1993	yes	no
IIA 6.1	Nowakowski, M.A. Tortora, N.J. Harned, W.H.	Interim report on ^{14}C-Thiram residue identification in wheat, soybean and cotton: Methods and preliminary findings Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: Uniroyal proj. No. 8565-B Date: June 1986	yes	no
IIA 6.1	Nowakowski, M.A.	Identification of metabolites in cotton, wheat and soybean seedling grow from [^{14}C]Thiram treated seeds. Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: Uniroyal proj. No. 8565-C Date: January 16, 1987	yes	no
IIA 6.0	Roland L.	Study on the stability of Thiram on frozen whole plums Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: CRP/93/1025. Date: April 23, 1993	no	no
IIA 6.1	Womer, J.M. Balba, J.M.	Translocation of ^{14}C-Thiram in wheat Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.:Project no. 7850-B Date: February 14, 1979	no	no
IIA 6.1	Wyss-Benz, M.	^{14}C-Thiram: Plant metabolism study in field grown apple Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC Project 319588 92161 Date: November 23, 1994	yes	no

A.1.6.2a Residue data - Foliar spray formulations

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 6.3	Author not specified	Field report and analytical data for field trials in Germany Submitted by: UCB Chemicals Company file No.: Date: February 2, 1971 - May 8, 1971	no	no
IIA 6.3	Baluff, M.	Determination of residues of Thiram 80 WG in pears under field conditions at one location in Spain Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 94020/01-FPBI Date: March 27, 1995	yes	no
IIA 6.3	Baluff, M.	Determination of residues of Thiram 80 WG in plums under field conditions at one location in south France Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 94020/02-FPPL Date: March 27, 1995	yes	no
IIA 6.3	Baluff, M.	Determination of residues of Thiram 80WG in cherries under field conditions at one location in Spain Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 94020/01-FPK1 Date: March 27, 1995	yes	no
IIA 6.3	Baluff, M.	Determination of residues of Thiram 80WG in peaches under field conditions at two locations in Spain Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 94020/01-FPPF Date: March 27, 1995	yes	no
IIA 6.3	Baluff, M.	Determination of residues of Thiram 80WG in grapes under field conditions at two locations in France Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 94020/01-FPWE Date: April 7, 1995	yes	no
IIA 6.3	Baluff, M.	Determination of residues of Thiram 80WG in strawberries under field conditions at two locations in France	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 94020/01-FPEBL Date: April 7, 1995		
IIA 6.3	Blaschke, U.	Raw agricultural and processed commodity study with LX1282-01 (Dirac Express) applied to grapes in France. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB-9301A (28203B001) Date: may 23, 1995a	yes	no
IIA 6.3	Blaschke, U.	Raw agricultural and processed commodity study with LX1282-02 (Silbos DF) applied to grapes in France. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB 9301c (28203B04) Date: may 23, 1995a	yes	no
IIA 6.3	Blaschke, U.	Raw agricultural and processed commodity study with LX1282-01 (Dirac Express) applied to grapes in France. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.:UCB-9301 (28203B001) Date: may 23, 1995b	yes	no
IIA 6.3	Blaschke, U.	Raw agricultural and processed commodity study with LX1282-02 (Silbos DF) applied to grapes in France. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB 9301b (28203B03) Date: may 23, 1995b	yes	no
IIA 6.3	Direction régionale de l’agriculture et de la forêt	Experimentations residus 1992 - Fraise (France), Thianosan ultra dispersible (80WG formulation) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: SPV3301, SPV3302 Date: January 3, 1992	no	no
IIA 6.3	Gatti, G.	Determination of residues of Thiram in plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations - CS2 headspace method, liquid chromatography method. Generated by: UCB Chemicals Submitted by: UCB Chemicals	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Company file No.: UCB 201/202/203/204/205 (Laboratory study LN 14/HP, LN 14/HD) Date: December 11, 1992		
IIA 6.3	Gatti, G.	Field reports and analytical data for 1991 trials in Italy on apples, pears, peaches, cherries and plums (50WG formulation). Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 58-F-91/6009/6010/6011/6012 UCB 911/912/913/914 (Laboratory study LN 12) Date: 1991-92	yes	no
IIA 6.3	Lenoir, L.	Determination of Thiram in strawberries - study No: RU 0493 (Oroux UCB-B-93-10) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB93-10 Date: April 24, 1995	yes	no
IIA 6.3	Lenoir, L.	Determination of Thiram in strawberries - study No: RU 0493 (Ittre UCB-B-93-3) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB94/3 Date: April 24, 1995	yes	no
IIA 6.3	Ohs	Determination of residues of Pomarsol 80WG in/on apple under actual use conditions in France and of Pomarsol 50WG in/on apple under actual use conditions in Italy. (Draft report) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RA-2099/93 Date: April 13, 1995	yes	no
IIA 6.3	Ohs	Determination of residues of Pomarsol 80WG in/on peach under actual use conditions in France. (Draft report) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RA-2093/93 (study numbers 304654[0465]) Date: January 20, 1995	yes	no
IIA 6.3	Ohs	Determination of residues of Pomarsol 80WG in/on apple under actual conditions in Belgium. Generated by: UCB Chemicals Submitted by: UCB Chemicals	yes	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		Company file No.: RA-2097/93 Date: April 13, 1995		
IIA 6.3	Pigeon, O.	Determination of residues of Thiram (TMTD) on strawberries (variety Selva) by selective method. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BA 7792a Date: December 30, 1993	yes	no
IIA 6.3	Pigeon, O.	Determination of residues of Thiram (TMTD) on strawberries (variety Irvine) by selective method. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BA 7792d Date: December 30, 1993	yes	no
IIA 6.3	Pigeon, O.	Determination of residues of Thiram (TMTD) on pears by selective method. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BA 7792b Date: December 30, 1993	yes	no
IIA 6.3	Pigeon, O.	Determination of residues of Thiram (TMTD) on apples by selective method. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB/P.J./B.A. 7792c Residues/1993 (BEWG) Date: December 30, 1993	yes	no
IIA 6.3	Roland, L.	Residues of Thiram on apples. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/92/974 (BEVCON1, BEVCON2) Date: November 1992b	no	no
IIA 6.3	Roland, L.	Residues of Thiram on apples. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/92/973(BEVJG1, BEVJG2) Date: November 1992a	no	no
IIA 6.3	Roland, L.	Residus de Thiram sur fraises, Residues of Thiram on strawberries Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/92/864A (BC/SELVA1,	no	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		BC/SELVA2) Date: May 1992c		
IIA 6.3	Roland, L.	Residus de Thiram sur fraises. Residues of Thiram on strawberries. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/92/862A (BC/VICODA) Date: May 1992a	no	no
IIA 6.3	Roland, L.	Residus de Thiram sur fraises. Residues of Thiram on strawberries. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/92/863A (91/BCEsantana) Date: May 1992b	no	no
IIA 6.3	Roland, L.	Residus de Thiram sur fraises. Residues of Thiram on strawberries. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/92/865A (91/BCSELVA2) Date: May 1992d	no	no
IIA 6.3	Roland, L.	Residues of thiram on pears Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/92/978 Date: November 1992a	no	no
IIA 6.3	Roland, L.	Residues of thiram on pears Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/92/977 Date: November 1992b	no	no
IIA 6.3	Roland, L.	Residus de Thiram sur raisins, mouts et vins Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: FR 7/91 (CRP/94/1295) Date: August 18, 1994	no	no
IIA 6.3	Schmidt, Ohs	Field report and analytical data for field trial no. 0318/89, residue on apple, (Germany), 80WP formulation Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 0318/89 Date: April 9, 1990	no	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 6.3	Schmidt, Ohs	Field report and analytical data for field trial no. 0320/89, residue on apple, (Germany), 80WP formulation Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 0320/89 Date: April 9, 1990	no	no
IIA 6.3	Schmidt, Ohs	Field report and analytical data for field trial no. 0319/89, residue on pear, (Germany), 80 WP formulation Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 0319/89 Date: April 9, 1990	no	no
IIA 6.3	Schmidt, Ohs	Field report and analytical data for field trial no. 0321/89, residue on pear, (Germany), 80 WP formulation Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 0321/89 Date: April 9, 1990	no	no
IIA 6.3	Ten Broeke, R.	Residuen van thiram in sla onder glas Submitted by: UCB Chemicals Company file No.: Date: January 1982	no	no
IIA 6.3	Ten Broeke, R.	Residuen van thiram (spuitpoeder) in sla vollegrondsteelt Submitted by: UCB Chemicals Company file No.: Date: February 1976	no	no
IIA 6.3	Weber, H.	Determination of residues of Thiram in vine (grapes, must and wine). BASF study DE/FR/03/92, Trial No. DU2/60/92, DU2/61/92, DU3/29/92, DU3/30/92. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BAS-9302 Date: January 19, 1994	yes	no

A.1.6.2b Residue data - Seed treatment formulations

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 6.3	Ball, J.O.	Residue of Thiram and its monothioglucoside and dithioglucoside in succulent beans Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: T.6.2.2.3. (89-011) Date: December 21, 1988	no	no
IIA 6.3	Ball, J.O.	Residue of Thiram and its dithioglucoside and monothioglucoside in cotton Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: T.6.2.3.2., 89-008, HLA 6111-126J, Gustafson 01483 Date: December 21, 1988	no	no
IIA 6.3	Ball, J.O.	Residue of Thiram and its monothioglucoside and dithioglucoside in soybeans (2 volumes) Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: T.6.2.5.2. (89-013) Date: December 21, 1988	no	no
IIA 6.3	Ball, J.O.	Residue of Thiram and its monothioglucoside and dithioglucoside in field corn (2 volumes) Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: T.6.2.4.4. (89-009) Date: December 21,1988	no	no
IIA 6.3	Ball, J.O.	Residue of Thiram and its dithioglucoside and monothioglucoside in wheat Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: T.6.2.6.2. Date: December 21, 1988	no	no
IIA 6.3	Ball, J.O.	Residue of Thiram and its dithioglucoside and monothioglucoside in sweet corn Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: T.6.2.4.3. Date: December 19, 1988	no	no
IIA 6.3	Ball, J.O.	Residue of Thiram and its dithioglucoside and monothioglucoside in dry bean Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: T.6.2.2.4.	no	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference Date: December 21, 1988	GLP GEP	Published or not
IIA 6.3	Knight, C.	residues of Thiram in spring wheat treated with Vitavax 200FF seed treatment Generated by: Uniroyal Chemcal, Ltd. Submitted by: Uniroyal Chemical, Ltd Company file No.: Uniroyal project No. AG/14103/01 Date: July 22, 1994	yes	no
IIA 6.3	Knight, C.	Residues of gamma-HCH and Thiram in oilseed rape treated with Vitavax RS seed treatment Generated by: Uniroyal Chemcal, Ltd. Submitted by: Uniroyal Chemical, Ltd Company file No.: Uniroyal project No. AG/13148 Date: January 10, 1995	yes	no
IIA 6.3	Knight, C.	Residues of Thiram in combining peas treated with Vitavax 200FF seed treatment Generated by: Uniroyal Chemcal, Ltd. Submitted by: Uniroyal Chemical, Ltd Company file No.: V.6.2.11.1 Date: January 10, 1995	yes	no
IIA 6.3	Patel, N.P.	Residues of Thiram in linseed treated with Vitavax 200FF seed treatment Generated by: Uniroyal Chemcal, Ltd. Submitted by: Uniroyal Chemical, Ltd Company file No.: V.6.2.12.1 Date: January 11, 1995	yes	no
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolites in safflower Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: 90-009, HLA 6111-126L, Gustafson 01490 Date:October 13, 1989	no	no
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolites in peas Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: Report No 90-008, HLA 6111-126G, Gustafson 01489 Date: October 13, 1989	no	no
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolites in lettuce Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: Report No 90-007, HLA	no	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
		6111-126K, Gustafson 01488 Date: February 13, 1990		
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolites in sugar beets Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: Report No 90-010, HLA 6111-126H, Gustafson 01491 Date: February 13, 1990	no	no
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolites in table beets Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: Report No 90-011 Date: October 13, 1989	no	no
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolites in alfalfa Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: 92-012 Date: June 24, 1992	no	no
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolites in cucumbers Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: Report No 92-014, HLA 6111-13D, Gustafson 01774 Date: June 23, 1992	no	no
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolites in fresh and processing tomatoes Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: Report No 92-015, HLA 6111-134F, Gustafson 01775 Date: June 23, 1992	no	no
IIA 6.3	Rockwell, J.C.	Residues of Thiram and its metabolite in cabbage Generated by: Thiram Task Force II. Submitted by: Thiram Task Force II Company file No.: Uniroyal report No 92-013 Date: June 23, 1992	no	no

A.1.7 Environmental fate and behaviour

A.1.7.1 Environmental fate and behaviour of the active substance (Annex IIA 7)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 7.1.1.1.2	Burri, R.	Photodegradation study if ^{14}C-Thiram on soil Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC 326171 Date: April 20, 1995	yes	no
IIA 7.1.1.1.1	Morgenroth, U.	^{14}C-Thiram: Degradation and metabolism in one soil incubated under aerobic conditions Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC 326182 Date: May 1995	yes	no
IIA 7.1.2	Morgenroth, U.	Adsorption / desorption of ^{14}C-thiram on four soils Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC 354780 Date: August 1995	yes	no
IIA 7.2.1.3.2	Wyss-Benz, M.	Degradation and metabolism of Thiram in aquatic systems Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC# 303456 Date: July 07, 1992	yes	no
IIA 7.2.1.3.2	Wyss-Benz, M.	^{14}C-Thiram: Degradation and metabolism in an anaerobic aquatic system Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC 329635 Date: 1995	yes	no

A.1.8 Ecotoxicology

A.1.8.1 Ecotoxicology of the active substance (Annex IIA 8)

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIA 8.2.4	Bell, G.	Thiram: Acute toxicity to *Daphnia magna* Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.:none Date: December 20, 1994	yes	no
IIA 8.3.2	Bourgouin B.	Test en tour de Potter Neoseïlus californicus (Adulte) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: - Date:1992	no	no
IIA 8.2.1	Croudace, C.P. Caunter, J.E. Johnson, P.A.	Thiram: acute toxicity to sheepshead minnow (*Cyprinodon variegatus*) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BL4532/B Date: September 1992	yes	no
IIIA 10.1	Grün G., Sadek H., Clausing P.	Bewertung der akuten Toxizität van Pflanzenschutzmitteln für Vögel in Beziehung zu möglichen Nebenwirkungen im Freiland Nachrichtenbl. Pflanzenschutz DDR 1982, 36 (6), 127-30	no	yes
IIIA 10.1	Hadhazy, A.	Repellency study of Vitavax 200FF on common pheasant (*Phasianus colchicus*) Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.: NTSZ 0938/90 Date: October 11, 1990	yes	no
IIA 8.4.1	Handley, J.W. Wetton, P.M.	The acute toxicity of Thiram Technical to earthworm (*Eisenia foetida*) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.:Project No. 378/3 Date: December 6, 1991	yes	no
IIA 8.2.1	He/ Ko	Fish toxicity - 96 -hour toxicity study on rainbow trout (*Salmo gairdneri*) Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC 326182 Date: May 1995	no	no

Annex point(s) 91/414/EEC	Author(s)	Title Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company Date of report for publication: reference	GLP GEP	Published or not
IIIA 10.1	Hill, E.F. Heath, R.G. Spann, J.W. Williams, J.D.	Lethal dietary toxicities of environmental pollutants to birds U.S. Fish and Wildlife Service, Special Scientific Report No. 191, Washington, D.C., pp. 1-60, 1975	no	yes
IIA 8.2.6	Husson, R.	Thiram- Algal growth inhibition Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.:UCB 442/921255 Date: January 21, 1995	yes	no
IIIA 10.6.1.1	Johnson, A.J.	Vitavax 200FF: Acute toxicity (LC_{50}) to the earthworm (*Eisenia foetida*) Generated by: Uniroyal Chemical, Ltd Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.7.2.7.11 Date: January 11, 1994	yes	no
IIIA 10.5.2	Research Station of Gorsem	Toxicity of Thiram to *Typhlodromus pyri.* Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: none Date: 1993	no	no
IIIA 10.5.2	Sterk, G. Gocha, N.	Effects of Thiram on beneficial insects Gent, Med. Fac. Landbouww. Rijksuniv. (14pp.), May 5, 1992	no	yes

ANNEX A

Thiram

A.2 Studies under data protection

On November 27 1997, we received a list of studies which, in the view of the notifiers UCB and Uniroyal, will be granted data protection under the Provision of Article 13 of the Directive 91/414/EEC

The RMS annotated this list with its remarks concerning the validity of the claims.

Uniroyal Chemical Limited November 97
UCB Chemicals

Reference List - Data Submitted

Bibliography of Protected data under the Provisions of Article 13(3)(d) of Directive 91/414/EEC

Dossier No	Author(s)	Title, Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company, Date of report for publications : reference	GLP GEP	Published or not	Evaluation of the RMS
2.1.1/01	Riggs, A.S.	The melting point range of purified Thiram. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10494 Date: July 27, 1994	yes	no	yes
2.2/01	Tutty, D.G.	Determination of the density of Thiram Technical. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10494 Date: October 14, 1993	yes	no	yes
2.3.2/01	Pierce, T.B.	Henry's law constant - Thiram Generated by : Uniroyal Chemical, Ltd. Submitted by : Uniroyal Chemical, Ltd. (23/09/97) Company file No. : 9520 Date : March 23, 1995	no	no	yes
2.4.1/01	Riggs, A.S.	The colour of Technical Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10489 Date: February 4, 1994	yes	no	yes
2.4.1/02	Riggs, A.S.	The physical state of purified Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10490 Date: February 7, 1994	yes	no	yes
2.4.2/01	Riggs, A.S.	The odour of Technical Thiram Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10493 Date: February 4, 1994	yes	no	yes
2.5.1/01	Tutty, D.G.	Determination of the ultraviolet visible absorption spectrum of pure grade Thiram. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10495 (93164) Date: January 24, 1994	yes	no	yes

Dossier No	Author(s)	Title, Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company, Date of report for publications : reference	GLP GEP	Published or not	Evaluation of the RMS
2.5.1/02	Penny, Helen B.	IR-spectra : "Determination of the infrared spectrum of Thiram" Generated by : Uniroyal Chemical, Ltd. Submitted by : Uniroyal Chemical, Ltd. (23/09/97) Company file No. : GRL-10697 Date : March 14, 1995	yes	no	yes
2.6/01	Tutty, D.G.	Determination of the solubility of Thiram in water. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10497 (93166) Date: December 23, 1993	yes	no	yes
2.6/02	Van de Putte, M.	Solubility of Thiram in water : effect of pH Generated by: UCB Chemicals Submitted by: UCB Chemicals (13/11/97) Company file No.: Report W/RL/9710/006 Date: October 30, 1997	no	no	The study was submitted too late and could not yet be evaluated by the RMS
2.7/01	Tutty, D.G.	Determination of the solubility of Thiram in organic solvents. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: GRL-10498 (93167) Date: December 23, 1993	yes	no	yes
2.7/04	Baele G., Van De Putte M., Demuynck M.	Solubility of Thiram in ethyl acetate Generated by : UCB Chemicals Submitted by : UCB Chemicals (23/9/97) Company file No. : W/RL/9709/001 Date : September 08, 1997	no	no	yes
2.8/01	Lemal, R.	TMTD: Determination of octanol/water partition coefficient. Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: LPCD No 78 Date: December 23, ~~1993~~ 1983	yes	no	yes ?
2.9.1/01	Norris, K.J.	Determination of the hydrolysis rate of ^{14}C-Thiram. Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: ADC Project No 1156 Date: January 11, 1991	yes	no	yes
2.9.2/01	McManus, J.P.	Identification of the aqueous photodegradation products of ^{14}C-Thiram. Generated by: Thiram Task Force I Submitted by: Thiram Task Force I Company file No.: Uniroyal Proj. 8926 (T.8.1.8) Date: January 11, 1991	yes	no	yes

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2.9.3/01	Knoch, E.	Determination of the direct phototrans-formation of ^{14}C-Thiram in a buffered medium at pH 7. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC Project No. 449600 Date: March 02, 1994	yes	no	yes
2.9.4/01	Thomson Paul A.	Determination of the dissociation constant of pure grade Thiram Generated by : Uniroyal Chemical Ltd Submitted by : Uniroyal Chemical, Ltd. (23/09/97) Company file No. : GRL-10496 Date : February 2, 1995	yes	no	yes
~~2.9.4/01~~	~~Van Breylan, M.~~	~~The conductances of Tetramethylthiuram Disulfides (one page summary – correspondence)~~ ~~Generated by: UCB Chemicals~~ ~~Submitted by: UCB Chemicals~~ ~~Company file No.: none~~ ~~Date: July 4, 1985~~	~~no~~	~~no~~	The study is not acceptable
2.11.2/01	Van de Putte, M.	Autoflammability report Generated by : UCB Chemicals Submitted by : UCB Chemicals (13/11/97) Company file No. : - Date : November 7, 1997	no	no	The study was submitted too late and could not yet be evaluated by the RMS
~~2.13/01~~	~~Beylingstr, W.~~	~~Characteristic explosion quantities of Tetramethylthiuram Disulfide (TMTD).~~ ~~Generated by: UCB Chemicals~~ ~~Submitted by: UCB Chemicals~~ ~~Company file No.: BVS/323/257/81~~ ~~Date: June 17, 1982~~	~~no~~	~~no~~	The study is not acceptable
~~2.15/01~~	~~Penny, Helen B.~~	~~Determination of the oxidizing and reducing characteristics of Thiram~~ ~~Generated by : Uniroyal Chemical Ltd.~~ ~~Submitted by : Uniroyal Chemical, Ltd. (23/09/97)~~ ~~Company file No. : GRL-10501~~ ~~Date : January 5, 1995~~	~~yes~~	~~no~~	The study was not relied on by the RMS for the evaluation because the method used did not correspond to the method stated in the Directive. The statement provided by the notifier was considered sufficient for the evaluation
~~4.1/01~~	~~not given~~	~~Determination of Thiram and impurities in Thiram Technical.~~ ~~Generated by: Uniroyal Chemical, Ltd.~~ ~~Submitted by: Uniroyal Chemical, Ltd.~~ ~~Company file No.: Uniroyal No. AC-1139 (T.3.1.1)~~ ~~Date: not given~~	~~no~~	~~no~~	The study contained insufficient validation data.
4.2.1/02	Weber, H.	Validation of the HPLC method for the determination of the residues of Thiram in vine (grapes and wine). Generated by: UCB Chemicals	yes	no	yes

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		Submitted by: UCB Chemicals Company file No.: BAS-9302V Date: October 25, 1993			
4.2.1/03	Weber, H.	Validation of the HPLC method for the determination of the residues of Thiram in vine (wet and dry pomace, must). Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: BAS-9301V Date: February 21, 1994	yes	no	yes
4.2.1/04	Gatti, G.	Determination of residues of Thiram on plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations - liquid chromatograph method. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Study LN 14/HP - GLP Date: December 11, 1992	yes	no	yes
4.2.1/05	Gatti, G.	Determination of residues of Thiram on plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations - CS_2 headspace detection method. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Study LN 14/HD - GLP Date: December 11, 1992	yes	no	yes
~~4.2.1/09~~	~~not applicable~~	~~Determination of Thiram in fish.~~ ~~Generated by: Uniroyal Chemical, Ltd.~~ ~~Submitted by: Uniroyal Chemical, Ltd.~~ ~~Company file No.: none~~ ~~Date: January 1988~~	~~no~~	~~no~~	The study contained insufficient validation data.
4.2.1/10	Roland, Liliane	HPLC method for the determination of Thiram in fruits validation of some critical points Generated by: UCB Chemicals (3/11/97) Submitted by: UCB Chemicals Company file No.: - Date: March 1996	no	no	The study was submitted too late and could not yet be evaluated by the RMS.
5.1/02	Nomeir, A.A. Markham, P.	Disposition and metabolism of Thiram in rats after pretreatment with Thiram for 14 days. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Project No. 9049 (T.8.3.4) Date: November 19, 1990	yes	no	yes
5.1/03	Norris, K.J.	Identification and comparison of urinary metabolite profiles of ^{14}C-Thiram in subchronic vs single oral dose in rats.	yes	no	yes

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		Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Project No. 8833 (T.8.3.8) Date: December 19, 1991			
5.1/04	Banijamali, A.R. Gay, M.H.	Elimination and distribution of Thiram following nine week sub-chronic administration in rats (multiple dose treatment). Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Project No. 87114, 8850, 8850-1 Date: February 28, 1992	yes	no	yes
5.3.3/01	Edwards, J.A., Mcrae, l.A., Gibson, W.A., Crook, D., Gopinath, C., Singh, H.	Thiram Technical - Twenty-one day dermal toxicity study in rabbits. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB 421/920767 Date: November 12, 1992	yes	no	yes
~~5.5/01~~	~~Kehoe, D.F.~~	~~104-week Combined chronic toxicity study with Thiram in rats.~~ ~~Generated by: Thiram Task Force II~~ ~~Submitted by: Thiram Task Force II~~ ~~Company file No.: HLA-6111-113~~ ~~Date: October 16, 1991~~	~~yes~~	~~no~~	This study has been submitted to Belgium in the framework of a national authorisation procedure. The decision following this submission was taken on 3/9/93. Therefore no protection can be granted.
~~5.5/02~~	~~Trutter, J.A.~~	~~Oncogenicity study in mice with Thiram. (5 volumes)~~ ~~Generated by: Thiram Task Force II~~ ~~Submitted by: Thiram Task Force II~~ ~~Company file No.: T.7.4.7~~ ~~Date: March 13, 1992~~	~~yes~~	~~no~~	This study has been submitted to Belgium in the framework of a national authorisation procedure. The decision following this submission was taken on 3/9/93. Therefore no protection can be granted.
~~5.6.2/02~~	~~Tesh, J.M., McAnulty, P.A., Willoughby, C.R., Higgins, C.~~	~~Thiram: Effects of oral administration upon pregnancy in the rat (preliminary teratology study).~~ ~~Generated by: Thiram Task Force I~~ ~~Submitted by: Thiram Task Force I~~ ~~Company file No.: 86/TRK001/704~~ ~~Date: November 27, 1986~~	~~yes~~	~~no~~	This is only a preliminary study. The main study (Tesh et al., 1988) was submitted to Belgium in the framework of a national authorisation procedure and used for a decision taken on 3/9/93. Therefore, the preliminary study should not be

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					granted protection.
5.7/01	Driscoll, C.D., Hurley, J.M.	Thiram single exposure peroral (gavage) neurotoxicity study in rats. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.5.1 Date: July 26, 1993	yes	no	yes
5.7/02	Driscoll, C.D., Hurley, J.M.	Thiram: Ninety day dietary neurotoxicity study in Sprague-Dawley rats. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.7.5.2 Date: October 30, 1993	yes	no	yes
~~6.1/01~~	~~Womer, J.M., Balba, J.M.~~	~~Translocation of ^{14}C-Thiram in wheat.~~ ~~Generated by: Thiram Task Force I~~ ~~Submitted by: Thiram Task Force I~~ ~~Company file No.: Project no. 7850-B~~ ~~Date: February 14, 1979~~	~~no~~	~~no~~	The quality of the study was not sufficient.
6.1/05	Liu, D.D.W., Robinson, R.A.	Distribution and metabolism of ^{14}C Thiram in plants from treated sugarbeet seed. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Study No. 92252 Date: November 1, 1994	yes	no	yes
6.1/06	Liu, D.D.W., Robinson, R.A.	Uptake and translocation of [^{14}C]-Thiram in plants from treated wheat seed. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Project No. 91181 Date: November 4, 1994	yes	no	yes
6.1/07	Liu, D.D.W., Robinson, R.A.	Uptake and translocation of [^{14}C]-Thiram in plants from treated soybean seed. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Project No. 92161 Date: November 1, 1994	yes	no	yes
6.1/08	Wyss-Benz, M.	^{14}C-Thiram: Plant metabolism study in field grown apple. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC Project 319588 Date: November 23, 1994	yes	no	yes
6.1/09	Morgenroth, U., Wyss-	^{14}C-Thiram : Plant metabolism study in field grown grapes Generated by : UCB Chemicals	yes	no	yes

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	Benz, M.	Submitted by : UCB Chemicals (30/10/96) Company file No. : RCC Project 319590 Date : July 4, 1995			
6.1/10	Robinson, R.A.	Investigation of the stability of 14C-3-(Dimethyldithiocarbamoyl)-alanine in the presence of a soybean straw matrix Generated by: Thiram Task Force II Submitted by: Thiram Task Force II (3/11/97) Company file No.: Report No. RPT00245 - Study No. XBL 95321 Date: September 13, 1996	yes	no	The study was submitted too late and could not yet be evaluated by the RMS.
6.2/01	Norris, K.J.	Determination of the metabolic fate of [^{14}C]-Thiram orally administered to laying hens. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: ADC Report No. 1058-1 Date: September 17, 1993	yes	no	yes
6.3/01	Knight, C.	Residues of Thiram in combining peas treated with Vitavax 200FF seed treatment. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.6.2.11.1 Date: January 10, 1995	yes	no	yes
6.3/02	Patel, N.P.	Residues of Thiram in linseed treated with Vitavax 200FF seed treatment. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.6.2.12.1 Date: January 11, 1995	yes	no	yes
6.3/03	Knight, C.	Residues of gamma-HCH and Thiram in oilseed rape treated with Vitavax RS seed treatment. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: Uniroyal Project No. AG/13148 Date: January 10, 1995	yes	no	yes
6.3/06	Rockwell, J.C.	Residues of Thiram and its metabolites in alfalfa. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: 92-012 Date: June 24, 1992	no	no	yes
6.3/09	Ball, J.O.	Residues of Thiram and its monothioglucoside and dithioglucoside in soybeans (2 volumes). Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.6.2.5.2 (89-013) Date: December 21, 1988	no	no	yes

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6.3/11	Rockwell, J.C.	Residues of Thiram and its metabolite in cabbage. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Uniroyal Report No. 92-013 Date: June 23, 1992	no	no	yes
6.3/12	Ball, J.O.	Residues of Thiram and its dithioglucoside and monothioglucoside in sweet corn. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.6.2.4.3 Date: December 19, 1988	no	no	yes
6.3/13	Rockwell, J.C.	Residues of Thiram and its metabolites in cucumbers. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Report No. 92-014, HLA 6111-134D, Gustafson 01774 Date: June 23, 1992	no	no	yes
6.3/14	Rockwell, J.C.	Residues of Thiram and its metabolites in lettuce. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Report No. 90-007, HLA 6111-126K, Gustafson 01488 Date: February 13, 1990	no	no	yes
6.3/15	Rockwell, J.C.	Residues of Thiram and its metabolites in peas. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Report No. 90-008, HLA 6111-126G, Gustafson 01489 Date: October 13, 1989	no	no	yes
6.3/16	Rockwell, J.C.	Residues of Thiram and its metabolites in sugar beets. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Report No. 90-010, HLA 6111-126H, Gustafson 01491 Date: February 13, 1990	no	no	yes
6.3/17	Rockwell, J.C.	Residues of Thiram and its metabolites in table beets. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Report No. 90-011 Date: October 13, 1989	no	no	yes
6.3/18	Rockwell, J.C.	Residues of Thiram and its metabolites in fresh and processing tomatoes. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: Report No. 92-015,	no	no	yes

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		HLA 6111-134F, Gustafson 01775 Date: June 23, 1992			
6.3/19	Ball, J.O.	Residue of Thiram and its dithioglucoside and monothioglucoside in cotton (2 volumes). Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: T.6.2.3.2, 89-008, HLA 6111-126J, Gustafson 01483 Date: December 21, 1988	no	no	yes
6.3/20	Rockwell, J.C.	Residues of Thiram and its metabolites in safflower. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: 90-009, HLA 6111-126L, Gustafson 01490 Date: October 13, 1989	no	no	yes
6.3/21	Christman, P.J.	78-Week frozen storage stability of Thiram and dithioglucoside of Thiram in crops. Generated by: Thiram Task Force II Submitted by: Thiram Task Force II Company file No.: HLA 6111-126 A-L Date: June 23, 1992	yes	no	yes
6.3/22	Roland, L.	Study on the stability of Thiram on frozen whole plums. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: CRP/93/1025 Date: April 23, 1993	no	no	yes
6.3/23	Roland, L.	Résidus de Thirame sur raisins, moûts et vins. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : FR 7/91 (CRP/94/1295) Date : August 18, 1994	no	no	yes
6.3/24	Blaschke, U.	Raw agricultural and processed commodity study with LX1282-01 (Dirac Express) applied to grapes in France. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : UCB-9301A (28203B002) Date : May 23, 1995	yes	no	yes
6.3/25	Blaschke, U.	Raw agricultural and processed commodity study with LX1282-02 (Silbos DF) applied to grapes in France. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : UCB 9301c (28203B004) Date : May 23, 1995	yes	no	yes
6.3/26	Weber, H.	Determination of residues of Thiram in vine	yes	no	yes

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6.3/27 6.3/28 6.3/29		(grapes, must and wine) BASF study DE/FR/03/92, Trial No. DU2/60/92, DU2/61/92, DU3/29/92, DU3/30/92. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : BAS-9302 Date : January 19, 1994			
6.3/30	Blaschke, U.	Raw agricultural and processed commodity study with LX1282-02 (Dirac Express) applied to grapes in France. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : UCB-9301b (28203B003) Date : May 23, 1995	yes	no	yes
6.3/31	Blaschke, U.	Raw agricultural and processed commodity study with LX1280-01 (Dirac Express) applied to grapes in France. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : UCB-9301 (28203B001) Date : May 23, 1995	yes	no	yes
6.3/32 6.3/33	Balluff, M.	Determination of residues of Thiram 80WG in grapes under field conditions at two locations in France. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 94020/01-FPWE Date : April 7, 1995	yes	no	yes
6.3/34	Schmidt, Ohs	Field report and analytical data field trial No. 0318/89, residue on apple, (Germany), 80WP formulation Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 0318/89 Date : April 9, 1990	no	no	yes
6.3/35	Schmidt, Ohs	Field report and analytical data field trial No. 0320/89, residue on apple, (Germany), 80WP formulation Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 0320/89 Date : April 9, 1990	no	no	yes
6.3/36	Roland, L.	Residues of Thiram on apples. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : CRP/92/974 (BEVJG1) Date : November, 1992	no	no	yes
6.3/37	Roland, L.	Residues of Thiram on apples.	no	no	yes

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		Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : CRP/92/973 BEVJG2) Date : November, 1992			
6.3/38	Pigeon, O.	Determination of residues of Thiram (TMTD) on apples by selective method. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : UCB/P.J./B.A.7792c Date : December 30, 1993	yes	no	yes
6.3/39 6.3/40	Ohs	Determination of residues of Pomarsol 80WG in/on apple under actual use conditions in Belgium. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : RA-2097/93 (study numbers 304670 [467/93], 304735 [473/93]) Date : April 13, 1995	yes	no	yes
6.3/41	Gatti, G.	Determination of residues of Thiram in plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations - CS2 headspace method, liquid chromatography method. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB 201/202/203/204/205 (Laboratory study LN 14/HP, LN 14/HD) Date: December 11, 1992	yes	no	yes
6.3/42	Gatti, G.	Field reports and analytical data for 1991 trials in Italy on apples, pears, peaches, cherries and plums (50WG formulation). Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 58-F-91/6009/6010/6011/6012 UCB 911/912/913/914 (Laboratory study LN 12) Date: 1991-92	yes	no	yes
6.3/43 6.3/44	Ohs	Determination of residues of Pomarsol 80WG in/on Apple under under actual use conditions in France and of Pomarsol 50WG in/on Apple under actual use conditions in Italy. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : RA-2099/93 (study numbers 304697, 304700) Date : April 13, 1995	yes	no	yes
6.3/45	Schmidt, Ohs	Field report and analytical data field trial No. 0319/89, residue on pear, (Germany), 80WP formulation Generated by : UCB Chemicals Held on file by : UCB Chemicals	no	no	yes

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		Company file No. : 0319/89 Date : April 9, 1990			
6.3/46	Schmidt, Ohs	Field report and analytical data field trial No. 0321/89, residue on pear, (Germany), 80WP formulation Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 0321/89 Date : April 9, 1990	no	no	yes
6.3/47	Roland, L.	Residues of Thiram on pears Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : CRP/92/978 BEVECON 1) Date : November, 1992	no	no	yes
6.3/48	Roland, L.	Residues of Thiram on pears Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : CRP/92/977 BEVECON 2) Date : November, 1992	no	no	yes
6.3/49	Pigeon, I.O.	Determination of residues of Thiram (TMTD) on pears by selective method. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : BA 7792b (BEWCON) Date : December 30, 1993	yes	no	yes
~~6.3/50~~	~~Gatti, G.~~	~~Field report and analytical data for field No. UCB 912, residue on pears, (Italy), 50WG formulation.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. : UCB 912~~ ~~Date : 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
~~6.3/51~~	~~Gatti, G.~~	~~Field report and analytical data for field No. 57-F-91, residue on pear, (Italy), 50WG formulation.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. : 57-F-91~~ ~~Date : 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
~~6.3/52~~	~~Gatti, G.~~	~~Determination of residues on plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations liquid chromatography method + CS2 headspace method.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. :LN 14/HP-GLP (UCB 202)~~ ~~Date : December 11, 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
6.3/53	Balluff, M.	Determination of residues of Thiram 80WG in pears under field conditions at one locations in Spain.	yes	no	yes

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		Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 94020/01-FBPI Date : March 27, 1995			
~~6.3/54~~	~~Gatti, G.~~	~~Field report and analytical data for field No. 59F91/6011, residue on cherry, (Italy), 50WG formulation.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. : 59F91/6011~~ ~~Date : 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
~~6.3/55~~	~~Gatti, G.~~	~~Field report and analytical data for field No. UCB 914, residue on cherry, (Italy), 50WG formulation.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. : UCB 914~~ ~~Date : 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
~~6.3/56~~	~~Gatti, G.~~	~~Determination of residues on plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations liquid chromatography method + CS2 headspace method.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. :LN 14/HP-GLP (UCB 204)~~ ~~Date : December 11, 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
6.3/57	Balluff, M.	Determination of residues of Thiram 80WG in cherries under field conditions at one location in Spain. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 94020/01-FPKI Date : March 27, 1995	yes	no	yes
~~6.3/58~~	~~Gatti, G.~~	~~Field report and analytical data for field No. UCB 911, residue on plums, (Italy), 50WG formulation.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. : UCB911~~ ~~Date : 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
~~6.3/59~~	~~Gatti, G.~~	~~Determination of residues on plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations liquid chromatography method + CS2 headspace method.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. :LN 14/HP-GLP (UCB 201)~~ ~~Date : December 11, 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
6.3/60	Balluff, M.	Determination of residues of Thiram 80WG in plums under field conditions at one location in south	yes	no	yes

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		France. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 94020/02-FPPL Date : March 27, 1995			
~~6.3/61~~	~~Gatti, G.~~	~~Field report and analytical data for field No. 56-F-91, residue on peaches, (Italy), 50WG formulation.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. : 56-F-91/6009~~ ~~Date : 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
~~6.3/62~~	~~Gatti, G.~~	~~Field report and analytical data for field No. UCB 913, residue on peaches, (Italy), 50WG formulation.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. : UCB 913~~ ~~Date : 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
~~6.3/63~~	~~Gatti, G.~~	~~Determination of residues on plums, pears, peaches, cherries and apples in compliance with good laboratory practice regulations liquid chromatography method + CS2 headspace method.~~ ~~Generated by : UCB Chemicals~~ ~~Held on file by : UCB Chemicals~~ ~~Company file No. :LN 14/HP-GLP (UCB 203)~~ ~~Date : December 11, 1992~~	~~yes~~	~~no~~	See Gatti, 1992. References 6.3/40 and 6.3/41
6.3/64	Ohs	Determination of residues of Pomarsol 80WG in/on peach under actual use conditions in France. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : RA-2083/93 (study number 304654) Date : January 20, 1995	yes	no	yes
6.3/65 6.3/66	Balluff, M.	Determination of residues of Thiram 80WG in peaches under field conditions at two locations in Spain. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 94020/01-FPPF Date : March 27, 1995	yes	no	yes
6.3/67 6.3/68	Roland, L.	Résidus de Thiram sur fraises. Residues of Thiram on strawberries. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : CRP/92/864A (BC/SELVA1, BC/SELVA2) + CRP/92/865A Date : May, 1992	yes	no	yes
6.3/69	Roland, L.	Résidus de Thirame sur fraises. Residues of Thiram on strawberries.	yes	no	yes

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		Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : CRP/92/862A (BC/VICODA) Date : May, 1992			
6.3/70	Roland, L.	Résidus de Thirame sur fraises. Residues of Thiram on strawberries. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : CRP/92/863 (91/BC Elsanta) Date : May, 1992	no	no	yes
6.3/71	Pigeon, I.O.	Determination of residues of Thiram (TMTD) on strawberries (variety Selva) by selective method. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : BA 7792a (BCSEL) Date : December 30, 1993	yes	no	yes
6.3/72	Pigeon, I.O.	Determination of residues of Thiram (TMTD) on strawberries by selective method. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : BA 7792d(BCIRV) Date : December 30, 1993	yes	no	yes
6.3/73	Lenoir, L.	Determination of thiram in strawberries - Study N° : RU 0493 (Ittre UCB-B-93-3) Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : UCB 93/3 Date : February 5, 1994	yes	no	yes
6.3/74 6.3/75	Direction régionale de l'agriculture et de la forêt	Experimentations residues 1992 - (France) Thianosan ultra dispersible, 80WG formulation). Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : SPV3301, SPV3302 Date : January 3, 1992	no	no	yes
6.3/76	Lenoir, L.	Determination of thiram foliar in strawberries - Study n° : RU 0493 Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : UCB 93-10 Date : April, 1995	yes	no	yes
6.3/77 6.3/78	Balluff, M.	Determination of residues of Thiram 80WG in strawberries under field conditions at two locations in France. Generated by : UCB Chemicals Held on file by : UCB Chemicals Company file No. : 94020/01-FPEBL Date : April 7, 1995	yes	no	yes

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7.1.1.1.1/01	Morgenroth U.	^{14}C-Thiram: Degradation and metabolism in one soil incubated under aerobic conditions. Generated by: UCB Chemicals Held on file by: UCB Chemicals Company file No. RCC 326182 Date: May, 1995	yes	no	yes
7.1.1.1.2/01	Wyss-Benz, M.	^{14}C-Thiram: Degradation and metabolism in an anaerobic aquatic system. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC 329635 Date: August 10, 1994	yes	no	yes
7.1.1.1.2/02	Burri, R.	Photodegradation study if ^{14}C-Thiram on soil. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC 326171 Date: April 20, 1995	yes	no	yes
7.1.2/01	Morgenroth, U.	Adsorption/Desorption of 14C-Thiram on 4 soils Generated by : UCB Chemicals Submitted by : UCB Chemicals (25/4/97) Company file No. : RCC 354780 Date : August 31, 1995	yes	no	yes
~~8.2.1/01~~	~~He/Ko~~	~~Fish toxicity - 96-hour toxicity study on rainbow trout (*Salmo gairdneri*).~~ ~~Generated by: UCB Chemicals~~ ~~Submitted by: UCB Chemicals~~ ~~Company file No.: FF-27~~ ~~Date: October 10, 1977~~	~~no~~	~~no~~	The study is not acceptable.
8.2.1/02	Croudace, C.P. Caunter, J.E. Johnson, P.A.	Thiram: acute toxicity to sheepshead minnow (*Cyprinodon variegatus*) Generated by: UCB Chemicals Held on file by: UCB Chemicals Company file No.: BL4532/B Date: September, 1992	yes	no	yes
~~8.2.2~~	~~Douglas, Mark T.~~ ~~Bell Graeme~~ ~~MacDonald, Ian A.~~	~~The Prolonged Toxicity of Thiram to Rainbow trout (*Salmo gairdneri*)~~ ~~Generated by : UCB Chemicals~~ ~~Submitted by : UCB Chemicals~~ ~~Company file No. : HRC 323/891980~~ ~~Date : March 25, 1991~~	~~yes~~	~~no~~	The study was not submitted to the RMS.
8.2.4/01	Bell, G.	Thiram: Acute toxicity to *Daphnia magna*. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: none Date: December 20, 1994	yes	no	yes

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8.2.6/01	Husson, R.	Thiram - Algal growth inhibition. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: UCB 442/921255 Date: January 21, 1995	yes	no	yes
Annex IIIA		**Formulation VITAVAX 200 FF**			The evaluation of the formulations deals only with the scientific quality of the studies. (Annex III data are not covered by point 13 (3) (d) of Directive.)
2.1/01	Tutty, D.G.	Determination of the color of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92112 Date: January 5, 1994	yes	no	yes
2.1/02	Tutty, D.G.	The physical state of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92113 Date: March 15, 1993	yes	no	yes
2.1/03	Tutty, D.G.	Determination of the odor of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92114 Date: January 5, 1994	yes	no	yes
~~2.2.1/01~~	~~Charlton, A., Plain, K.E., Macnab, J.I.~~	~~Thermal stability of Vitavax 200FF.~~ ~~Generated by: Uniroyal Chemical, Ltd.~~ ~~Submitted by: Uniroyal Chemical, Ltd.~~ ~~Company file No.: V.2.22.18~~ ~~Date: September 6, 1994~~	~~no~~	~~no~~	The study is not acceptable
2.2.2/01	Thomson, P.A.	The oxidizing and reducing action of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92116 Date: August 20, 1993	yes	no	yes
2.3/01	Tutty, D.G.	The flammability of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.5 Date: March 4, 1993	yes	no	yes
2.3/02	Tremain, S.P., Bartlett, A.J.	Vitavax 200FF determination of auto-ignition temperature. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.17	yes	no	yes

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		Date: August 3, 1994			
2.4.1/01	Tutty, D.G.	Determination of the pH of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: 92115 Date: March 1, 1993	yes	no	yes
2.5.1/01	Parsons, A.H.	Determination of the Dynamic Viscosity of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.11 Date: July 16, 1994	yes	no	yes
2.6.1/01	McKelvie, M., Harpum, R.	Determination of the density of a commercial production batch of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.7 Date: September 5, 1994	yes	no	yes
2.7.1/02	Harpum, R.	Generation of physical chemical data and storage stability data on samples of Vitavax 200FF taken from five commercial batches of this formulation. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.19 Date: August 31, 1994	yes	no	yes. The study covers points IIIA 2.7.1, 2.7.2, 2.8.5.
2.8.5/01	Parsons, A.H.	Determination of suspensibility of Vitavax 200FF. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.10 Date: July 16, 1994	yes	no	The study is not required for the evaluation.
2.8.6.1/01	Harpum, R., McKelvie, M.	Determination of the particle size distribution of samples of Vitavax 200FF taken from five commercial production batches of this formulation. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.9 Date: April 7, 1994	yes	no	The study is not required for the evaluation.
2.8.8.2/01	Harpum, R., McKelvie, M.	Determination of pourability of samples of Vitavax 200FF taken from five commercial production batches of this formulation. Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.8 Date: September 6, 1994	yes	no	yes
~~2.10/01~~	~~Bartlett~~	~~Programme to investigate adhesion and seed loadings of Anchor as UBI 1196-6 with and without Glascol and as UBI 6566 seed treatment on wheat~~	~~yes~~	~~no~~	The study was not submitted to the RMS

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		~~Generated by: Uniroyal Chemical, Ltd.~~ ~~Submitted by: Uniroyal Chemical, Ltd.~~ ~~Company file No.: ESP 97/2 interim report~~ ~~Date: September 6, 1994~~			
7.2.1/01	Findlay, M. Chester, G. Mallyon B.	Seed treatment products : Worker exposure during treatment of seed with 'Baytan' Generated by: Zeneca Agrochemicals & AgrEvo UK Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: RJ1621B Date: December 12, 1994	yes	no	yes
7.2.1/02	Findlay, M.L. Chester, G.	Seed treatment products : Worker exposure during sowing of treated seeds with 'Baytan' Generated by: Zeneca Agrochemicals Submitted by: Uniroyal Chemical, Ltd. Company file No.: WER001 Date: February 3, 1995	yes	no	yes
7.2.1/03	Leplay, A.	Worker exposure during treatment of wheat seed germinate double Generated by: Rhône Poulenc Submitted by: Uniroyal Chemical, Ltd. Company file No.: 93002 HI Date: February 1995	yes	no	yes
7.2.1/04	Leplay, A.	Worker exposure during drilling of wheat seed germinate double Generated by: Rhône Poulenc Submitted by: Uniroyal Chemical, Ltd. Company file No.: 93003 HI Date: March 1995	yes	no	yes
7.2.1/05	Chester Wiseman Pontal	Worker exposure during seed treatment and sowing of treated seed in the UK and France : overview Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: V.2.22.8 Date: September 6, 1994	yes	no	yes
10.1.3/01	Hadhazy, A.	Repellency study of Vitavax 200 on common pheasant (*Phasianus colchicus*). Generated by: Uniroyal Chemical, Ltd. Submitted by: Uniroyal Chemical, Ltd. Company file No.: Seedtropex Date: October 11, 1990	yes	no	yes
Annex IIIA		**Formulation THIRAM 80 WG**			The evaluation of the formulations deals only with the scientific quality of the studies. (Annex III data are not covered by point 13 (3) (d) of Directive.)

Dossier No	Author(s)	Title, Generated by (company or organisation), Submitted by (company(ies) or organisation), Report/file No. of submitting company, Date of report for publications : reference	GLP GEP	Published or not	Evaluation of the RMS
2.4.2/01	Else, H.J.	Thiram 75WG - Determination of pH. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Project No. 457/1 (d) date: June 12, 1992	yes	no	The study was not relied on for the evaluation of Thiram 80 WG dossier.
2.6.2/01	Hogg, A.S.	Thiram 75WG - Determination of Bulk Density. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Project No. 457/1 (c) date: June 11, 1992	yes	no	yes
2.7.1/01	Else, H.J.	Thiram 75WG - Accelerated Storage Stability. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: Project No. 457/2 date: July 13, 1992	yes	no	The study was not relied on for the evaluation of Thiram 80 WG dossier.
2.7.1/02	Van de Putte, M.	Analysis of Thiram 80WG, Thiram Technical, Ziram 76WG and Ziram Technical for FAO specifications Generated by: UCB Chemicals Submitted by: UCB Chemicals (7/10/97) Company file No.: Report No. W/RL/9507/001 date: July 1995	no	no	yes. The study covers points 2.4.2, 2.7.1, 2.8.1, 2.8.2, 2.8.3, 2.8.5, 2.8.6.2, 2.8.8.1
~~2.7.3/01~~	~~Else, H.J., Mullee, D.M., Bartlett, A.J.~~	~~Thiram 75WG - Storage Stability.~~ ~~Generated by: UCB Chemicals~~ ~~Submitted by: UCB Chemicals~~ ~~Company file No.: Project No. 457/3~~ ~~date: June 8, 1993~~	~~yes~~	~~no~~	The study is not acceptable.
2.7.3/02	Van de Putte, M., Demuynck	Thiram 80WG - Storage Stability Test (3 years) Generated by: UCB Chemicals Submitted by: UCB Chemicals (7/10/97) Company file No.: - date: August 1, 1997	no	no	yes. The study covers points IIIA 2.7.3 and 2.8.8.1
2.8.1/01	Van de Putte, M.	Comparison of the wettability test for water dispersible granules in tap water and CIPAC Standard D water. Generated by: UCB Chemicals Submitted by: UCB Chemicals (31/10/97) Company file No.: - date: October 27, 1997	no	no	yes. complementary information to the study Van de Putte, 1995
2.8.3/01	Janssens, Van de Putte, M. Demuynck	Dispersibility of Thiram 80WG Generated by: UCB Chemicals Submitted by: UCB Chemicals (7/10/97) Company file No.: Report WPUM/9709/003 date: September 29, 1997	no	no	yes
2.8.6.1/01	Van de Putte, M. Demuynck	Dry sieving test on Thiram 80WG Generated by : UCB Chemicals Submitted by : UCB Chemicals (7/10/97)	no	no	yes

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		Company file No. : WPUM/9709/001 Date : September 2, 1997			
4.1.2/01	Van Dael, S.	Tests on fibreboard boxes (4G) intended to be used for the transport of dangerous goods of the packaging groups II and III. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: G-95.043 date: March 6, 1995	no	no	yes
7.1.2/01	Baldrick, P.	Thiram 75WG: Acute dermal toxicity to the rabbit. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 91853D/UCB 400/AC date: January 15, 1992	yes	no	Study with Thiram 75 WG
7.1.5/01	Ligget, M.P. McRae, L.A.	Eye irritation to rabbits with Thiram 75WG. Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: 91737D/UCB 402/SE date: December 11, 1991	yes	no	Study with Thiram 75 WG
7.1.6/01	Daamen, P.A.M.	Contact hypersensitivity to Thiram 75WG in the albino guinea pig (split adjuvant test). Generated by: UCB Chemicals Submitted by: UCB Chemicals Company file No.: RCC 061526 date: December 2, 1991	yes	no	Study with Thiram 75 WG
~~10.3.3.1/03~~	~~Bourgouin, B. Chabrillanges, A.~~	~~Test en Tour de Potter - *Neoseïlus californicus* (Adulte)~~ ~~Generated by : UCB Chemicals~~ ~~Submitted by : UCB Chemicals (30/10/96)~~ ~~Company file No. : none~~ ~~Date : 1992~~	~~no~~	~~no~~	The quality of the study is not sufficient.