

European Commission



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ETHOFUMESATE

Volume 2

Rapporteur Member State: Austria
Co-Rapporteur Member State: Denmark

Version History

When	What
1998	Initial DAR (no subsequent updates were identified)
2015/01	DRAR

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A. LIST OF THE TESTS, STUDIES AND INFORMATION SUBMITTED

A.1. IDENTITY

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
CA active substance (Adama)								
KCA 1.8/01	Anonymous	2013	Ethofumesate: Confidential Data on the Manufacturing of the Technical Material, Agan Chemical Manufacturers Ltd., Report No.: - Date: 18.12.2013 Non GLP Not Published	N	Y	-	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)
KCA 1.8.1/01 filed in Doc J	Schnell, M.	2008	Ethofumesate technical - Synthesis path, including purity of starting materials and explanation on formation of impurities Feinchemie Schwebda GmbH, Köln, Germany Report No.: None signed Date: February 25, 2008 Non GLP Unpublished	N	Y	-	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)
KCA 1.9/01	Ehrlich, T.	2013	Ethofumesate, A.I. Technical Specification, Agan Chemical Manufacturers Ltd., Report No.: - Date: 25.12.2013 Non GLP Not Published	N	Y	-	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)
KCA 1.10/01 filed in Doc J KCA 1.9/01	Schnell, M., Schneider, E.	2008	Ethofumesate a.i. technical specification Feinchemie Schwebda GmbH, Köln, Germany Report No.: FCSK039/04.03.2008 Date: March 04, 2008 Non GLP Unpublished	N	Y	-	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)
KCA 1.10/02	Maidan, R.	2014	Production control data for Ethofumesate technical Produced in 2012- 2013 XXXXXX**	N	Y	-	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)
KCA 1.11/01	Bacher, R.	2014	Technical Ethofumesate: Validation of Methods and Determination of Purity and Impurity Profiles of Five	N	Y	-	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Technical Batches, PTRL Europe GmbH, Ulm, Germany, Agan Chemical Manufacturers Ltd., Report No.: P 2633 G Date: 16.01.2014 GLP Not Published					
CA active substance (BCS)								
Document J /01	Harris, J. F.; Johnson, M. K.	1990	Ethofumesate manufacturing process XXXXXX** Bayer CropScience, Report No.: A82609, Edition Number: M-155104-01-1 GLP/GEP: n.a., unpublished	N	N	Not relevant	Bayer CropScience	In DAR (1998)
Document J /02	Johnson, M. K.	1990	ETHOFUMESAT E PROCESS. DESCRIPTION OF BEGINNING MATERIAL Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83420, Edition Number: M-155688-01-1 EPA MRID No.: 41752101 Date: 1990-07-13 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScience	In DAR (1998)
Document J /03	Johnson, M. K.	1993	ETHOFUMESAT E: THEORETICAL DISCUSSION OF THE FORMATION OF IMPURITIES Schering AG, Berlin, Germany Bayer CropScience, Report No.: A89220, Edition Number: M-164389-01-1 Date: 1993-05-27 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScience	In DAR (1998)
Document J /04	Partanen, R.	1992	METHOD OF SYNTHESIS OF ETHOFUMESAT E Kemira Agro Oy, Helsinki, FIN; Bayer	N	N	Not relevant	Bayer CropScience	In DAR (1998)

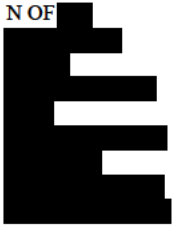
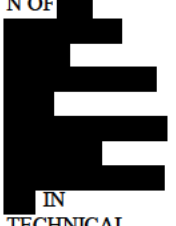
Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			CropScience, Report No.: A87550, Edition Number: M-161451-01-1 GLP/GEP: no, unpublished					
Document J /05	Johnson, M. K.; Audus, B. L.	1993	ETHOFUMESAT E TECHNICAL - PRODUCT COMPOSITION Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85631, Edition Number: M-157953-01-1 GLP/GEP: n.a., unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /06	Turner, L. C.	1995	COMPOSITION STATEMENT FOR ETHOFUMESAT E TECHNICAL Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A89234, Edition Number: M-164418-01-1 GLP/GEP: n.a., unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /07	Luomaranta, J.	1994	SPECIFICATION OF TECHNICAL ETHOFUMESAT E GENERATED BY KEMIRA AGRO OY, FINLAND Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87546, Edition Number: M-161445-01-1 GLP/GEP: n.a., unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /08	Luomaranta, J.	1995	SPECIFICATION OF TECHNICAL ETHOFUMESAT E GENERATED BY KEMIRA AGRO OY FINLAND Kemira Agro Oy, Helsinki, FIN; Bayer	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			CropScience, Report No.: A87551, Edition Number: M-161452-01-1 GLP/GEP: n.a., unpublished					
Document J /09	Audus, B. L.	1991	ETHOFUMESAT E TECHNICAL - PRELIMINARY ANALYSIS REPORT Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85633, Edition Number: M-157954-02-1 Date: 1991-03-26 ...Amended: 1993- 07-12 GLP/GEP: yes, unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /10	Whiteside, R. J.	1996	COMPOSITION OF ETHOFUMESAT E TECHNICAL EX KEMIRA AGRO OY,FINLAND Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A89320, Report includes Trial Nos.: AS/95/ 01/01 Edition Number: M-164561-01-1 Date: 1996-02-12 GLP/GEP: no, unpublished confidential	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /11	Luomaranta, J.	1995	CERTIFICATE OF ANALYSIS - TECHNICAL ETHOFUMESAT E Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87547, Edition Number: M-161447-01-1 GLP/GEP: n.a.,	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			unpublished					
Document J /12	Johnson, M. K.	1991	IDENTIFYING SPECTRAL DATA FOR [REDACTED] Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85634, Edition Number: M-157957-01-1 Date: 1991-03-26 GLP/GEP: yes, unpublished	N	N	Not relevant	Bayer CropScience	In DAR (1998)
Document J /13	Audus, B. L.	1993	IDENTIFYING SPECTRAL DATA FOR [REDACTED] Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85664, Edition Number: M-158014-01-1 Date: 1993-07-12 GLP/GEP: yes, unpublished	N	N	Not relevant	Bayer CropScience	In DAR (1998)
Document J /14	Audus, B. L.	1994	ETHOFUMESATE: ADDITIONAL ULTRA-VIOLET/VISIBLE SPECTRAL DATA FOR ETHOFUMESATE AND ITS PROCESS IMPURITIES Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A85625, Edition Number: M-157942-01-1 Date: 1994-06-24 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScience	In DAR (1998)
Document J /15	Audus, B. L.	1994	Ethofumesate - Additional ultra-	N	N	Not relevant	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			violet/visible spectral data for ethofumesate and its process impurities Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A85635, Edition Number: M-157959-01-1 Date: 1994-06-24 GLP/GEP: yes, unpublished				ce	
Document J /16	Audus, B. L.	1994	ETHOFUMESAT E: ADDITIONAL ULTRA- VIOLET/VISIBLE SPECTRAL DATA FOR ETHOFUMESAT E AND ITS PROCESS IMPURITIES Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A85665, Edition Number: M-158015-01-1 Date: 1994-06-24 GLP/GEP: yes, unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /17	Shaw, B.	1991	THE DETERMINATIO N OF [REDACTED] [REDACTED] IN TECHNICAL ETHOFUMESAT E BY HIGH PERFORMANCE LIQUID CHROMATOGRA PHY (HPLC) Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85641, Edition Number: M-157970-01-1 Date: 1991-10-11 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J	Johnson, M.	1991	AN	N	N	Not relevant	Bayer	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
/18	K.; Shaw, B.		ASSESSMENT OF THE ACCURACY AND PRECISION OF THE ANALYTICAL METHOD, AM 1100/18/1, FOR THE DETERMINATIO N OF NC [REDACTED] [REDACTED] IN TECHNICAL ETHOFUMESAT E Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85636, Edition Number: M-157960-01-1 EPA MRID No.: 41997202 Date: 1991-03-26 GLP/GEP: yes, unpublished				CropScien ce	
Document J /19	Shaw, B.	1991	THE DETERMINATIO N OF [REDACTED] IN TECHNICAL ETHOFUMESAT E BY GAS CHROMATOGRA PHY (GC) Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85642, Edition Number: M-157972-01-1 EPA MRID No.: 41997202 Date: 1991-02-06 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /20	Johnson, M. K.; Shaw, B.	1991	AN ASSESSMENT OF THE ACCURACY AND PRECISION OF THE ANALYTICAL METHOD, AM 1100/19/1, FOR THE DETERMINATIO N OF [REDACTED] IN TECHNICAL ETHOFUMESAT E	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85638, Edition Number: M-157964-01-1 EPA MRID No.: 41997202 Date: 1991-03-27 GLP/GEP: yes, unpublished					
Document J /21	Audus, B. L.	1993	THE DETERMINATIO N OF  IN TECHNICAL ETHOFUMESAT E BY HIGH PERFORMANCE LIQUID CHROMATOGRA PHY (HPLC) Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85662, Edition Number: M-158011-01-1 Date: 1993-06-22 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /22	Audus, B. L.	1993	AN ASSESSMENT OF THE ACCURACY AND PRECISION OF THE ANALYTICAL METHOD AM 1100/22/1 FOR THE DETERMINATIO N OF  IN TECHNICAL ETHOFUMESAT E	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85663, Edition Number: M-158013-01-1 Date: 1993-07-12 GLP/GEP: yes, unpublished					
Document J /23	Bass, R. V.	1990	THE DETERMINATIO N OF WATER IN LIQUIDS AND SOLIDS BY MANUAL OR AUTOMATED TITRATION WITH KARL FISCHER REAGENT Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85643, Edition Number: M-157975-01-1 Date: 1990-09-27 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
Document J /24	Partanen, R ; Luomaranta, J.	1992	DETERMINATIO N OF IMPURITIES OF ETHOFUMESAT E Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87544, Edition Number: M-161442-01-1 Date: 1992-01-16 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	In DAR (1998)
KCA 1.8 /01	Haack, K. J.	2008	Ethofumesate technical material - Manufacturing process Bayer CropScience, Report No.: M- 309708-03-1, Edition Number: M-309708-03-1 Date: 2008-10-24 ...Amended: 2012- 01-07 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	Submitted for the purpose of renewal (2014)
KCA 1.8	Haack, K. J.	2009	Ethofumesate	N	N	Not relevant	Bayer	Submitted for

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
/02			technical material discussion of the formation of impurities Bayer CropScience, Report No.: M- 330726-04-1, Edition Number: M-330726-04-1 Date: 2009-02-26 ...Amended: 2013- 04-02 GLP/GEP: no, unpublished				CropScience	the purpose of renewal (2014)
KCA 1.10.2 /01	Haack, K. J.	2013	Composition statement - Technical grade active substance - Ethofumesate - Other names: NC 8438, SN 49913, AE B049913 Bayer CropScience, Report No.: M- 309704-03-1, Edition Number: M-309704-03-1 GLP/GEP: n.a., unpublished	N	N	Not relevant	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 1.10.3 /01	Bomann, W.; Haack, K. J.	2013	Identity and specification limit for ethyl- methanesulfonate (EMS) and isobutyl- methanesulfonate (iBMS) in ethofumesate technical grade active substance - AE B049913, NC 8438, SN 49913, AE C639174, AE C639170 Bayer CropScience, Report No.: M- 450634-01-1, Edition Number: M-450634-01-1 Date: 2013-04-08 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 1.11 /01	Selzer, J., Eichelmann, C.	2012	Material accountability of technical ethofumesate (AE B049913) - Five batches of technical ethofumesate Bayer CropScience,	N	N	Not relevant	Bayer CropScience	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: PA12/054, Edition Number: M-444032-01-1 Date: 2012-12-12 GLP/GEP: no, unpublished					
KCA 1.11 /02	Zoellner, P.; Ries, S.	2013	Determination of ethyl methanesulfonate (AE C639174) and isobutyl methanesulfonate (AE C639170) in technical grade ethofumesate (AE B049913) manufactured at XXXXXX** Bayer CropScience, Report No.: PA13/085, Edition Number: M-466914-01-1 Date: 2013-10-14 GLP/GEP: yes, unpublished	N	N	Not relevant	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 1.11 /03	Haack, K. J.	2013	Supporting data to justify the specification limits for ethofumesate technical grade active substance Bayer CropScience, Report No.: M- 450822-01-1, Edition Number: M-450822-01-1 GLP/GEP: n.a., unpublished	N	N	Not relevant	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 1.11 /04	Haack, K. J.	2013	Equivalency of ethofumesate technical material Bayer CropScience, Report No.: M- 309741-03-1, Edition Number: M-309741-03-1 GLP/GEP: n.a., unpublished	N	N	Not relevant	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 4.1.1 /14	Zoellner, P.; Ries, S.	2013	Determination of traces of AE C639174 (ethyl- methanesulfonate) and AE C639170 (isobutyl- methanesulfonate) in technical grade AE B049913 (ethofumesate) by gas chromatography -	N	N	Not relevant	Bayer CropScience	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			mass spectrometry applying selected- ion-monitoring (GC-MS/SIM) Bayer CropScience, Report No.: AM037113FP1, Edition Number: M-463268-01-1 Method Report No.: AM037113FP1 Date: 2013-08-22 GLP/GEP: no, unpublished					
KCA 4.1.1 /15	Zoellner, P.; Ries, S.	2013	Validation of the analytical method AM037113FP1 for the determination of AE C639174 (ethyl- methanesulfonate) and AE C639170 (isobutyl- methanesulfonate) in technical grade AE B049913 (ethofumesate) by gas chromatography- mass spectrometry Bayer CropScience, Report No.: PA13/052, Edition Number: M-463216-01-1 Date: 2013-08-02 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	Submitted for the purpose of renewal (2014)
KCA 4.1.1 /16	Bowen, T.; Eckl, M.	2012	Analytical method - Determination of [REDACTED] in pure and technical grade ethofumesate AE B049913 by gas chromatography Bayer CropScience, Report No.: M- 216726-03-1, Edition Number: M-216726-03-1 Date: 2012-10-29 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	Submitted for the purpose of renewal (2014)
KCA 4.1.1 /17	Bowen, T.	2012	Validation of GC - method AM022108FP2 - Determination of [REDACTED] in ethofumesate (AE B049913) technical	N	N	Not relevant	Bayer CropScien ce	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			material by gas chromatography (GC) Bayer CropScience, Report No.: PA12/060, Edition Number: M-440540-01-1 Date: 2012-10-29 GLP/GEP: yes, unpublished					
KCA 4.1.1 /18	Krautstrunk, G.; Eichelmann, C.	2012	Determination of the impurities in technical grade and pure ethofumesate (AE B049913) by high performance liquid chromatography (HPLC) Bayer CropScience, Report No.: AM020008FP3, Edition Number: M-428309-02-1 Date: 2012-01-17 ...Amended: 2012- 06-29 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	Submitted for the purpose of renewal (2014)
KCA 4.1.1 /19	Krautstrunk, G.; Eichelmann, C.	2011	Validation of the HPLC analytical method - AM020008FP2 - Determination of the impurities in technical grade and pure ethofumesate (AE B049913) by high performance liquid chromatography (HPLC) Bayer CropScience, Report No.: PA11/071, Edition Number: M-428315-01-1 Date: 2011-12-07 GLP/GEP: no, unpublished	N	N	Not relevant	Bayer CropScien ce	Submitted for the purpose of renewal (2014)
KCA 4.1.1 /20	Bogdoll, B.; Kloeckner, C.	2003	Determination of organic impurities in ethofumesate technical grade and pure active ingredient by HPLC (analytical method) Bayer CropScience GmbH, Frankfurt	N	N	Not relevant	Bayer CropScien ce	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			am Main, Germany Bayer CropScience, Report No.: C029237, Edition Number: M-216774-01-1 Date: 2003-01-29 GLP/GEP: no, unpublished					
KCA 4.1.1 /21	Bogdoll, B.; Kloeckner, C.	2003	Validation of the analytical method AL050/02-0 for the determination of the organic impurities in ethofumesate technical material Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C028893, Edition Number: M-216112-01-1 Date: 2003-01-22 GLP/GEP: yes, unpublished	N	N	Not relevant	Bayer CropScience	Submitted for the purpose of renewal (2014)
CA active substance (UPL)								
KCA 1.8/01	Shanker, B., Kini, P.	2014	THE MANUFACTURING PROCESS OF ETHOFUMESATE TECHNICAL United Phosphorus Ltd., not available United Phosphorus Ltd GLP/GEP: no Published: no	N	N	-	UPL	Submitted for the purpose of renewal (2014)
KCA 1.11/01	Patel, A.H.	2013a	ANALYSIS OF FIVE REPRESENTATIVE PRODUCTION BATCHES OF ETHOFUMESATE TECHNICAL GRADE ACTIVE INGREDIENT TO DETERMINE % ETHOFUMESATE AND TO QUANTIFY ITS	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			ASSOCIATED IMPURITIES. United Phosphorus Ltd., 227-2-2012-5963 Jai Research Foundation; Valvada 396 108; Gujarat; India GLP: yes Published: no					
KCA 1.11/02	Patel, A.H.	2013b	DETERMINATION OF CHIRAL ISOMER RATIO IN FIVE REPRESENTATIVE PRODUCTION BATCHES OF ETHOFUMESATE TECHNICAL United Phosphorus Ltd., 226-2-11-6370 Jai Research Foundation; Valvada 396 108; Gujarat; India GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 2.4/01	Bhandari, N.M.	2013	UV-VISIBLE ANALYSIS OF ETHOFUMESATE TECHNICAL AND ITS ASSOCIATED IMPURITIES United Phosphorus Ltd., 216-2-11-6925 Jai Research Foundation; Valvada 396 108; Gujarat; India GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 4.1.1/01	Patel, A.H.	2013c	METHOD VALIDATION FOR ETHOFUMESATE AND ITS ASSOCIATED IMPURITIES IN ETHOFUMESATE TECHNICAL	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GRADE ACTIVE INGREDIENT United Phosphorus Ltd., 228-2-12-5964 Jai Research Foundation; Valvada 396 108; Gujarat; India GLP: yes Published: no					

A.2. PHYSICAL AND CHEMICAL PROPERTIES

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
CA active substance								
KCA Section 2 /01	Brehm, M.	1992	ESTIMATION OF THE PHOTOCHEMIC AL- OXIDATIVE DEGRADATION OF ETHOFUMESAT E (SCHERING CODE NO ZK 49 913) IN THE ATMOSPHERE Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83382, Report includes Trial Nos.: 92/076 Edition Number: M-155650-01-1 Date: 1992-06-04 GLP/GEP: no, unpublished ...also filed: KCA 2.14 /02 ...also filed: KCA 7.3.1 /01	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA Section 2 /02	Schneider, E.	1994	Abschaetzung des photochemischen oxidativen Abbaus von Ethofumesat in der Troposphaere Dr.Krebs Analytik, Koeln, Germany Feinchemie Schwebda , Report No.: M- 351846-01-1, Edition Number: M-351846-01-1 GLP/GEP: n.a., unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.1 /01	Ward, J. C.; Stalker, A. M.	1990	DETERMINATIO N OF THE MELTING RANGE OF: i) ETHOFUMESAT E REFERENCE STANDARD R000047. ii) ETHOFUMESAT E TECHNICAL GRADE ACTIVE INGREDIENT CR 19291/1 Schering AG, Berlin, Germany Bayer CropScience,	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: A83412, Edition Number: M-155680-01-1 EPA MRID No.: 41752102 Date: 1990-08-21 GLP/GEP: yes, unpublished					
KCA 2.1 /02	Howarth, R.; Tremain, S. P.; Bartlett, A. J.	1991	TECHNICAL ETHOFUMESAT E: DETERMINATIO N OF PHYSICO- CHEMICAL PROPERTIES SafePharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: A87526, Report includes Trial Nos.: 245/25 Edition Number: M-161417-01-1 Date: 1991-01-07 GLP/GEP: yes, unpublished ...also filed: KCA 2.2 /02 ...also filed: KCA 2.5 /03 ...also filed: KCA 2.7 /02 ...also filed: KCA 2.8 /03 ...also filed: KCA 7.2.1.2 /03	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.1 /03	Johnson, M. K.	1990	ETHOFUMESAT E PRODUCT CHEMISTRY ADDITIONAL PHYSICAL AND CHEMICAL CHARACTERIST ICS Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83416, Edition Number: M-155684-01-1 EPA MRID No.: 41997203 GLP/GEP: no, unpublished ...also filed: KCA 2.3 /01	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.1 /04	Werle, H.	1997	Determination of the thermal	N	N	-	Adama (formerl	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			stability / Stability in air of ethofumesate technical - Differential scanning calorimetry (DSC) and thermogravimetric analysis (TGA) BioChem GmbH, Karlsruhe, Germany Feinchemie Schwebda , Report No.: 97 50 40 168, Edition Number: M-351791-01-1 Date: 1997-04-17 GLP/GEP: yes, unpublished				y Feinche mie Schwebd a)	
KCA 2.1 /05	Schnell, R.	1993	Ethofumesate determination of melting point Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M- 468320-01-1, Edition Number: M-468320-01-1 Date: 1993-02-17 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.1 /06	Schnell, R.	1993	Ethofumesate determination of temperature of decomposition or sublimation Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M- 468332-01-1, Edition Number: M-468332-01-1 Date: 1993-02-17 GLP/GEP: yes, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.1 /07	Smeykal, H.	2008	Ethofumesate (AE B049913): Melting point - Boiling point - Thermal stability Siemens AG, Frankfurt am Main, Germany Bayer	N	Y	Former study was not according to GLP	Bayer CropScie nce	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			CropScience, Report No.: 20080157.01, Edition Number: M-299734-01-1 Date: 2008-03-31 GLP/GEP: yes, unpublished					
KCA 2.2 /01	Bright, A. A. S.	1988	DETERMINATIO N OF THE VAPOUR PRESSURE OF ETHOFUMESAT E Schering AG, Berlin, Germany Bayer CropScience, Report No.: A82705, Edition Number: M-155198-01-1 EPA MRID No.: 41752102 Date: 1988-05-04 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.2 /02	Howarth, R.; Tremain, S. P.; Bartlett, A. J.	1991	TECHNICAL ETHOFUMESAT E: DETERMINATIO N OF PHYSICO- CHEMICAL PROPERTIES Safepharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: A87526, Report includes Trial Nos.: 245/25 Edition Number: M-161417-01-1 Date: 1991-01-07 GLP/GEP: yes, unpublished ...also filed: KCA 2.1 /02 ...also filed: KCA 2.5 /03 ...also filed: KCA 2.7 /02 ...also filed: KCA 2.8 /03 ...also filed: KCA 7.2.1.2 /03	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.2 /03	Bright, A. A. S.; Stalker, A. M.	1994	ETHOFUMESAT E: HENRY'S CONSTANT CALCULATION Hoechst Schering AgrEvo GmbH,	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Frankfurt am Main, Germany Bayer CropScience, Report No.: A85670, Edition Number: M-158022-01-1 Date: 1994-04-19 GLP/GEP: no, unpublished					
KCA 2.2 /04	Krebs, G.	1992	Analysenbericht des Dampfdruckes von ethofumesate Dr. Krebs Analytik, Koeln, Germany Feinchemie Schwebda , Report No.: OFC00004809, Edition Number: M-351794-01-1 Date: 1992-10-02 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.2 /05	Krebs, G.; Schneider, E.	1991	Bestimmung des Dampfdruckes von ethofumesat Dr. G. Krebs Analytik, Köln, Germany Feinchemie Schwebda, Report No.: M- 468361-01-1, Edition Number: M-468361-01-1 Date: 1991-06-10 GLP/GEP: yes, unpublished	N	N	-	Feinche mie Schweb da	In DAR (1998)
KCA 2.2 /06	Schnell, R.	1993	Ethofumesate determination of bulk density Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M- 468355-01-1, Edition Number: M-468355-01-1 Date: 1993-02-17 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.2 /07	Schnell, R.	1993	Ethofumesate determination of relative density Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Schwebda, Report No.: M- 468359-01-1, Edition Number: M-468359-01-1 Date: 1993-02-17 GLP/GEP: no, unpublished					
KCA 2.3 /01	Johnson, M. K.	1990	ETHOFUMESAT E PRODUCT CHEMISTRY ADDITIONAL PHYSICAL AND CHEMICAL CHARACTERIST ICS Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83416, Edition Number: M-155684-01-1 EPA MRID No.: 41997203 GLP/GEP: no, unpublished ...also filed: KCA 2.1 /03	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.3 /02	Ziemer, F.; Strunk, B.	2012	Ethofumesate (AE B049913), pure substance: Physical characteristics colour, physical state and odour Bayer CropScience, Report No.: PA12/010, Edition Number: M-431327-01-1 Date: 2012-05-09 GLP/GEP: yes, unpublished	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCA 2.3 /03	Ziemer, F.; Strunk, B.	2012	Ethofumesate (AE B049913), technical substance: Physical characteristics colour, physical state and odour Bayer CropScience, Report No.: PA12/009, Edition Number: M-431325-01-1 Date: 2012-05-09 GLP/GEP: yes, unpublished	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCA 2 3/01	Diepenhorst, PC	2011	ETHOFUMESA TE TECHNICAL EX UNITED PHOSPHORUS	N	Y	New data for active ingredient, not previously	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			LTD. SELECTED PHYSICO- CHEMICAL PROPERTIES United Phosphorus Ltd., DL 11-073 Cerexagri B.V., Rotterdam, NL GLP/GEP: no Published: no			submitted nor evaluated		
KCA 2.4 /01	Johnson, M. K.	1990	IDENTIFYING SPECTRAL DATA FOR ETHOFUMESAT E Schering AG, Berlin, Germany Bayer CropScience, Report No.: A85624, Edition Number: M-157941-01-1 Date: 1990-11-16 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.4 /02	Anon.	1995	ETHOFUMESAT E ANAL. GRADE, MS- SPECTRUM AND ETHOFUMESAT E TECH., MS- SPECTRUM Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87535, Edition Number: M-161430-01-1 Date: 1995-02-15 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.4 /03	Anon.	1995	1H NMR AND 13C NMR SPECTRUM - TECH. ETHOFUMESAT E 112.3 MG/0.5 ML CDCL3 FROM KEMIRA AGRO OY'S PRODUCTION (BATCH) AND 1H NMR SPECTRUM - ANALYTICAL GRADE ETHOFUMESAT E 101.1 MG/0.5 ML CDCL3	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			PURITY MIN 99% (W/W). Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87542, Edition Number: M-161440-01-1 Date: 1995-11-27 GLP/GEP: no, unpublished					
KCA 2.4 /04	Anon.	1995	UV/VIS- SPECTRUM OF ETHOFUMESAT E, TECHNICAL AND ANALYTICAL GRADE Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87548, Edition Number: M-161448-01-1 Date: 1995-02-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.4 /05	Anon.	1995	IR-SPECTRUM OF ETHOFUMESAT E, TECHNICAL AND ANALYTICAL GRADE Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87549, Edition Number: M-161450-01-1 Date: 1995-02-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.4 /06	Anon.	1990	Ethofuemsat - UV- Spektrum Frings Pharma GmbH, Frechen, Germany Feinchemie Schwebda , Report No.: OFC00004810, Edition Number: M-351798-01-1 Date: 1990-06-03 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.4 /07	Anon.	1990	IR spectra of ethofumesate tec.	N	N	-	Adama (formerl	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M- 468366-01-1, Edition Number: M-468366-01-1 Date: 1990-03-06 GLP/GEP: no, unpublished				y Feinche mie Schwebd a)	
KCA 2.4 /08	Anon.	1990	Mass spectra of ethofumesate tec. Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M- 468371-01-1, Edition Number: M-468371-01-1 Date: 1990-03-06 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.4 /09	Anon.	1990	NMR spectra of ethofumesate tec. Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M- 468373-01-1, Edition Number: M-468373-01-1 Date: 1990-03-06 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.4 /10	Wiche, A.; Bogdoll, B.	2012	Spectral data (UV / VIS, IR, 1H-NMR, 13C-NMR, MS) and molar extinction coefficients of ethofumesate (AE B049913), pure substance Bayer CropScience, Report No.: PA11/046, Edition Number: M-435863-01-1 Date: 2012-07-30 GLP/GEP: yes, unpublished	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCA 2.4 /11	Hellpointner, E.	2013	Ethofumesate: Assessment of the environmental half-life of the	N	Y	New regulatory requirement, extinction coefficient in	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			direct photo- degradation in water Bayer CropScience, Report No.: EnSa- 13-0355, Edition Number: M-461408-01-1 Date: 2013-08-06 GLP/GEP: yes, unpublished ...also filed: KCA 7.2.1.2 /07			water required for phototoxicity topic.		
KCA 2.4 /12	Selzer, J.	2013	Spectral data (UV / VIS, IR, 1H-NMR, 13C-NMR, MS) and molar extinction coefficients of AE C639174 and AE C639170 Bayer CropScience, Report No.: PA13/045, Edition Number: M-465124-01-1 Date: 2013-09-20 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCA 2.5 /01	Bright, A. A. S.	1987	ETHOFUMESAT E: SOLUBILITY IN WATER AT 25C Schering AG, Berlin, Germany Bayer CropScience, Report No.: A82700, Edition Number: M-155193-02-1 EPA MRID No.: 41752102 Date: 1987-06-29 ...Amended: 1988- 05-04 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.5 /02	De Vries, R.	1993	DETERMINATIO N OF THE WATER SOLUBILITY OF ETHOFUMESAT E AT PH3, 4 AND 5 RCC Notox B.V., s'Hertogenbosch, Netherlands Bayer CropScience, Report No.: A87527, Edition Number:	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			M-161418-01-1 Date: 1993-02-26 GLP/GEP: yes, unpublished					
KCA 2.5 /03	Howarth, R.; Tremain, S. P.; Bartlett, A. J.	1991	TECHNICAL ETHOFUMESAT E: DETERMINATIO N OF PHYSICO- CHEMICAL PROPERTIES Safepharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: A87526, Report includes Trial Nos.: 245/25 Edition Number: M-161417-01-1 Date: 1991-01-07 GLP/GEP: yes, unpublished ...also filed: KCA 2.1 /02 ...also filed: KCA 2.2 /02 ...also filed: KCA 2.7 /02 ...also filed: KCA 2.8 /03 ...also filed: KCA 7.2.1.2 /03	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.5 /04	De Vries, R.	1994	DETERMINATIO N OF THE WATER SOLUBILITY OF ETHOFUMESAT E AT PH9 AND 11 RCC Notox B.V., s'Hertogenbosch, Netherlands Bayer CropScience, Report No.: A87528, Edition Number: M-161420-01-1 Date: 1994-09-27 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.5 /05	Schnell, R.	1993	Ethofumesate determination of acidity / alkalinity of ethofumesate Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda,	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: M-468374-01-1, Edition Number: M-468374-01-1 Date: 1993-03-10 GLP/GEP: no, unpublished					
KCA 2 5/01	Walter, D.	2003	WATER SOLUBILITY OF ETHOFUMESA TE United Phosphorus Ltd., 20021050/01- PCSB GAB Biotechnologie GmbH, Niefern- Öschelbronn, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 2 5/02	Macdonald, E., Craig, W.B.	2002	ETHOFUMESA TE DETERMINATI ON OF THE PHYSICO- CHEMICAL PROPERTIES OF ETHOFUMESA TE AgriChem B.V., 21131 Inveresk Research International, Tranent, Scotland GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 2.6 /01	Ward, J. C.; Stalker, A. M.	1990	SOLUBILITY OF ETHOFUMESAT E IN ORGANIC SOLVENTS AT 25C Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83410, Edition Number: M-155678-01-1 EPA MRID No.: 41752102 Date: 1990-08-21 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.6 /02	Bright, A. A. S.; Scott, G. H. E.	1988	SOLUBILITY IN ORGANIC SOLVENTS	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83411, Edition Number: M-155679-01-1 Date: 1988-04-27 GLP/GEP: no, unpublished					
KCA 2.6 /03	Eyrich, U.; Ziemer, F.	2012	Ethofumesate (AE B049913), technical substance: Solubility in organic solvents Bayer CropScience, Report No.: PA12/033, Edition Number: M-430903-01-1 Date: 2012-05-09 GLP/GEP: yes, unpublished	N	Y	Former study not precise enough	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCA 2.6/01	Macdonald, E., Craig, W.B.	2002	ETHOFUMESA TE DETERMINATI ON OF THE PHYSICO- CHEMICAL PROPERTIES OF ETHOFUMESA TE AgriChem B.V., 21131 Inveresk Research International, Tranent, Scotland GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 2.7 /01	Bright, A. A. S.; Stalker, A. M.	1990	ETHOFUMESAT E: DETERMINATIO N OF THE PARTITION COEFFICIENT BETWEEN N- OCTANOL AND WATER AT 25C Schering AG, Berlin, Germany Bayer CropScience, Report No.: A82703, Edition Number: M-155196-01-1 EPA MRID No.: 41752102	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Date: 1990-05-21 GLP/GEP: yes, unpublished					
KCA 2.7 /02	Howarth, R.; Tremain, S. P.; Bartlett, A. J.	1991	TECHNICAL ETHOFUMESAT E: DETERMINATIO N OF PHYSICO- CHEMICAL PROPERTIES Safepharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: A87526, Report includes Trial Nos.: 245/25 Edition Number: M-161417-01-1 Date: 1991-01-07 GLP/GEP: yes, unpublished ...also filed: KCA 2.1 /02 ...also filed: KCA 2.2 /02 ...also filed: KCA 2.5 /03 ...also filed: KCA 2.8 /03 ...also filed: KCA 7.2.1.2 /03	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.7 /03	Mueller, J.	1990	Determination of the partition coefficient n- octanol-water of ethofumesate Fraunhofer Institut, Schmallenberg, Germany Feinchemie Schwebda , Report No.: OFC00004816, Edition Number: M-351804-01-1 Date: 1990-08-27 GLP/GEP: yes, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.7 /04	Ziemer, F.; Kloekner, C.	2012	BCS-CU88901 (Ethofumesate- NC20645 sodium salt): Partition coefficients 1- octanol / water at pH 5, pH 7 and pH 9 (shake flask method) Bayer CropScience, Report No.: PA12/001,	N	Y	New regulatory requirement	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Edition Number: M-428034-01-1 Date: 2012-03-26 GLP/GEP: yes, unpublished					
KCA 2.7 /05	Eyrich, U.; Ziemer, F.	2013	BCS-CW35117 (ethofumesate- acetic acid): Partition coefficients 1- octanol / water at pH 5, pH 7 and pH 9 (shake flask method) Bayer CropScience, Report No.: PA13/023, Edition Number: M-451360-01-1 Date: 2013-04-18 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCA 2.7 /06	Bogdoll, B.; Peschke, C.	2012	AE C509607 (Ethofumesate- NC9607): Partition coefficients 1- octanol / water at pH 5, pH 7 and pH 9 (HPLC method) Bayer CropScience, Report No.: PA11/090, Edition Number: M-427346-01-1 Date: 2012-02-29 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCA 2.7 /07	Bogdoll, B.; Peschke, C.	2012	AE C508493 (Ethofumesate- NC8493): Partition coefficients 1- octanol / water at pH 5, pH 7 and pH 9 (HPLC method) Bayer CropScience, Report No.: PA11/088, Edition Number: M-427348-01-1 Date: 2012-02-29 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCA 2.8 /01	Keirs, D. C.	2000	Aqueous photolysis (14C)- ethofumesate Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: C009667,	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Edition Number: M-199018-01-1 EPA MRID No.: 46157901 Date: 2000-09-13 GLP/GEP: yes, unpublished ...also filed: KCA 7.2.1.2 /04					
KCA 2.8 /02	Brown, P. M.; Reary, J. B.; Whiteoak, R. J.	1978	THE HYDROLYSIS OF ETHOFUMESAT E UNDER ACIDIC, NEUTRAL AND BASIC CONDITIONS Fisons plc, United Kingdom Bayer CropScience, Report No.: A83306, Edition Number: M-155575-01-1 Date: 1978-02-20 GLP/GEP: no, unpublished ...also filed: KCA 7.2.1.1 /01	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.8 /03	Howarth, R.; Tremain, S. P.; Bartlett, A. J.	1991	TECHNICAL ETHOFUMESAT E: DETERMINATIO N OF PHYSICO- CHEMICAL PROPERTIES Safepharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: A87526, Report includes Trial Nos.: 245/25 Edition Number: M-161417-01-1 Date: 1991-01-07 GLP/GEP: yes, unpublished ...also filed: KCA 2.1 /02 ...also filed: KCA 2.2 /02 ...also filed: KCA 2.5 /03 ...also filed: KCA 2.7 /02 ...also filed: KCA 7.2.1.2 /03	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.8 /04	Knoch, E.	1994	DETERMINATIO N OF THE DIRECT	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			PHOTOTRANSFORMATION OF 14C-ETHOFUMESATE IN A BUFFERED MEDIUM AT PH4 RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany Bayer CropScience, Report No.: A87609, Edition Number: M-161541-01-1 Date: 1994-09-01 GLP/GEP: yes, unpublished ...also filed: KCA 7.2.1.2 /02					
KCA 2.8 /05	Brehm, M.	1989	THE PHOTOLYSIS OF ETHOFUMESATE (SCHERING CODE NO. ZK 49913) IN AQUEOUS SOLUTION Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83339, Edition Number: M-155608-01-1 EPA MRID No.: 42200901 Date: 1989-01-13 GLP/GEP: yes, unpublished ...also filed: KCA 7.2.1.2 /01	N	N	-	Bayer CropScience	In DAR (1998)
KCA 2.8 /06	Ward, J. C.; Stalker, A. M.	1990	ETHOFUMESATE REFERENCE STANDARD R000047: DETERMINATION OF THE pKa Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83413, Edition Number: M-155681-01-1 EPA MRID No.: 41752102 Date: 1990-08-21 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 2.8	Anon.	1990	Versickerungsverh	N	N	-	Adama	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
/07			alten des Pflanzenschutzmitt els - Ethofumesat ICD GmbH, Koeln, Germany Feinchemie Schwebda , Report No.: OFC00004875, Edition Number: M-351822-01-1 Date: 1990-02-23 GLP/GEP: no, unpublished				(formerl y Feinche mie Schwebd a)	
KCA 2.8 /08	Schneider, E.	1994	Ethofumesate - Direct phototransformatio n in water Dr.Krebs Analytik, Koeln, Germany Feinchemie Schwebda , Report No.: PR94/023, Edition Number: M-351827-01-1 Date: 1994-09-11 GLP/GEP: yes, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.8 /09	Kloepffer, W.	1994	Photoabbau des Wirkstoffs ethofumesat in Wasser - V-32 179-01 Battelle Europe, Frankfurt am Main, Germany Feinchemie Schwebda , Report No.: PHY/WK22, Edition Number: M-351831-01-1 Date: 1994-02-03 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.8 /10	Schneider, E.	1999	Dissoziationskonst ante Ethofumesate (Punkt AII 2.9.4) UCL Umwelt Control Labor, Koeln, Germany Feinchemie Schwebda , Report No.: OFC00004823, Edition Number: M-351835-01-1 Date: 1999-11-15 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.9 /01	Baker, G. P.	1991	POSSIBLE PHYSICO- CHEMICAL HAZARDS OF	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			ETHOFUMESATE AND ITS FORMULATIONS Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83422, Edition Number: M-155690-01-1 EPA MRID No.: 41997203 GLP/GEP: n.a., unpublished ...also filed: KCA 2.11 /01					
KCA 2.9 /02	Walter, D.	1999	Flammability (solids) of ethofumesate techn. GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH, Niefern-Oeschelbronn, Germany Feinchemie Schwebda , Report No.: 99164/01-PCFS, Edition Number: M-351844-01-1 Date: 1999-06-02 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 2.9 /03	Warncke, U.	1999	Determination of the self-ignition temperature of the test substance ethofumesate techn. Urania Agrochem GmbH, Christinenthal, Germany Feinchemie Schwebda , Report No.: OFC00004826, Edition Number: M-351850-01-1 Date: 1999-07-21 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 2.9 /04	Schnell, R.	1993	Ethofumesate determination of auto - flammability Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda,	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: M-468379-01-1, Edition Number: M-468379-01-1 Date: 1993-04-20 GLP/GEP: no, unpublished					
KCA 2.9 /05	Schnell, R.	1993	Ethofumesate determination of flammability Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M-468377-01-1, Edition Number: M-468377-01-1 Date: 1993-04-01 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.9 /06	Winkler, S.	2012	Ethofumesate (AE B049913), technical substance: Flammability (solids) Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110430.01, Edition Number: M-425937-01-1 Date: 2012-02-21 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCA 2.9 /07	Winkler, S.	2012	Ethofumesate (AE B049913), technical substance: Auto- flammability Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110430.03, Edition Number: M-425939-01-1 Date: 2012-02-21 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCA 2.11 /01	Baker, G. P.	1991	POSSIBLE PHYSICO- CHEMICAL HAZARDS OF ETHOFUMESAT E AND ITS FORMULATIONS	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83422, Edition Number: M-155690-01-1 EPA MRID No.: 41997203 GLP/GEP: n.a., unpublished ...also filed: KCA 2.9 /01					
KCA 2.11 /02	Anon.	1999	Dokument K, Annex II - Point: 2.13, Explosivity - Ethofumesate technical EBRC Consulting GmbH, Hannover, Germany Feinchemie Schwebda , Report No.: OFC00004828, Edition Number: M-351858-01-1 Date: 1999-07-01 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.11 /03	Schnell, R.	1993	Ethofumesate detemrination of explosive properties Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M- 468381-01-1, Edition Number: M-468381-01-1 Date: 1993-04-20 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.11 /04	Winkler, S.	2012	Ethofumesate (AE B049913), technical substance: Explosive properties Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110430.02, Edition Number: M-425938-01-1 Date: 2012-02-21 GLP/GEP: yes,	N	Y	New regulatory requirement	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 2.12 /01	Walter, D.	1999	Surface tension of ethofumesate tech. GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH, Niefern- Oeschelbronn, Germany Bayer CropScience, Report No.: C048293, Edition Number: M-249651-01-1 Date: 1999-06-02 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCA 2.12 /02	Walter, D.	1999	Surface tension of ethofumesate techn. GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH, Niefern- Oeschelbronn, Germany Feinchemie Schwebda , Report No.: OFC00004830, Edition Number: M-351860-01-1 Date: 1999-02-06 GLP/GEP: yes, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2 12/01	Walter, D.	2002	SURFACE TENSION OF ETHOFUMESAT E GAB Biotechn. GmbH & IFU Umweltanalytik GmbH, Germany United Phosphorus Ltd. Report no. 20021050/01- PCST GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 2.13 /01	Anon.	1999	Dokument K, Annex II - Point: 2.15, Oxidising properties - Ethofumesate technical EBRC Consulting GmbH, Hannover, Germany Feinchemie Schwebda ,	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: OFC00004831, Edition Number: M-351865-01-1 Date: 1999-11-24 GLP/GEP: no, unpublished					
KCA 2.13 /02	Schnell, R.	1993	Ethofumesate determination of oxidizing properties Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda, Report No.: M- 468383-01-1, Edition Number: M-468383-01-1 Date: 1993-04-20 GLP/GEP: no, unpublished	N	N	-	Adama (formerl y Feinche mie Schwebd a)	In DAR (1998)
KCA 2.13 /03	Winkler, S.	2012	Ethofumesate (AE B049913), technical substance: Oxidizing properties Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110430.04, Edition Number: M-425948-01-1 Date: 2012-02-21 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCA 2.14 /01	Ward, J. C.; Stalker, A. M.	1990	DETERMINATIO N OF THE RELATIVE DENSITY OF i) ETHOFUMESAT E REFERENCE STANDARD R000047. ii) ETHOFUMESAT E TECHNICAL GRADE ACTIVE INGREDIENT CR 19291/1 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83407, Edition Number: M-155675-01-1 EPA MRID No.: 41752102	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Date: 1990-08-21 GLP/GEP: yes, unpublished					
KCA 2.14 /02	Brehm, M.	1992	ESTIMATION OF THE PHOTOCHEMIC AL- OXIDATIVE DEGRADATION OF ETHOFUMESAT E (SCHERING CODE NO ZK 49 913) IN THE ATMOSPHERE Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83382, Report includes Trial Nos.: 92/076 Edition Number: M-155650-01-1 Date: 1992-06-04 GLP/GEP: no, unpublished ...also filed: KCA 7.3.1 /01 ...also filed: KCA Section 2 /01	N	N	-	Bayer CropScie nce	In DAR (1998)
CP formulation ETHOFUMESATE SC 500								
KCP 2.1 /01	Suessmann, R.; Rexer, K.	2002	Determination of the physical state Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027623, Edition Number: M-213687-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.1 /02	Suessmann, R.; Rexer, K.	2002	Determination of the colour Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			am Main, Germany Bayer CropScience, Report No.: C027615, Edition Number: M-213671-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished					
KCP 2.1 /03	Suessmann, R.; Rexer, K.	2002	Determination of the odour Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027616, Edition Number: M-213673-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.1 /04	Rexer, K.	2012	Physical, chemical and technical properties of ethofumesate SC 500 (500 g/L) Bayer CropScience, Report No.: FM0110(PC00)G0 1, Edition Number: M-424523-01-1 Date: 2012-01-24 GLP/GEP: yes, unpublished ...also filed: KCP 2.4 /02 ...also filed: KCP 2.5 /03 ...also filed: KCP 2.6 /02 ...also filed: KCP 2.8.2 /04 ...also filed: KCP 2.8.3 /03 ...also filed: KCP 2.8.5.1 /02 ...also filed: KCP 2.8.7 /02	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCP 2.2 /01	Baker, G. P.	1991	POSSIBLE PHYSICO- CHEMICAL HAZARDS OF ETHOFUMESAT	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			E AND ITS FORMULATIONS Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83422, Edition Number: M-155690-01-1 EPA MRID No.: 41997203 GLP/GEP: n.a., unpublished ...also filed: KCP 2.3 /01					
KCP 2.2 /02	Smeykal, H.	2002	Explosive properties Ethofumesate water miscible suspension concentrate, 500 g/L Code: AE B049913 00 SC45 A203 Siemens Axiva GmbH & Co. KG, Sicherheitstechnik, Frankfurt am Main, Germany Bayer CropScience, Report No.: C028518, Edition Number: M-215401-01-1 Date: 2002-11-29 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.2 /03	Le Gren, I.	2004	Tramat 500 Assessment on the oxidising properties Code: AE B049913 00 SC45 A2 Bayer CropScience S.A., Lyon, France Bayer CropScience, Report No.: C044933, Edition Number: M-236605-01-1 Date: 2004-11-02 GLP/GEP: no, unpublished	N	Y	Data requirement	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCP 2.3 /01	Baker, G. P.	1991	POSSIBLE PHYSICO- CHEMICAL HAZARDS OF ETHOFUMESAT E AND ITS FORMULATIONS Schering AG, Berlin, Germany	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Bayer CropScience, Report No.: A83422, Edition Number: M-155690-01-1 EPA MRID No.: 41997203 GLP/GEP: n.a., unpublished ...also filed: KCP 2.2 /01					
KCP 2.3 /02	Bittner, P.; Rexer, K.	2002	Determination of the flash point closed Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027699, Edition Number: M-213837-01-1 Date: 2002-10-31 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.3 /03	Smeykal, H.	2002	Auto-flammability (Determination of the temperature of self-ignition of volatile liquids and of gases) Ethofumesate water miscible suspension concentrate, 500 g/L Code: AE B049913 00 SC45 A203 Siemens Axiva GmbH & Co. KG, Sicherheitstechnik, Frankfurt am Main, Germany Bayer CropScience, Report No.: C028519, Edition Number: M-215402-01-1 Date: 2002-11-29 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.4 /01	Bittner, P.; Rexer, K.	2002	Determination of the pH-value Ethofumesate water miscible	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027701, Edition Number: M-213840-01-1 Date: 2002-10-31 GLP/GEP: yes, unpublished					
KCP 2.4 /02	Rexer, K.	2012	Physical, chemical and technical properties of ethofumesate SC 500 (500 g/L) Bayer CropScience, Report No.: FM0110(PC00)G0 1, Edition Number: M-424523-01-1 Date: 2012-01-24 GLP/GEP: yes, unpublished ...also filed: KCP 2.1 /04 ...also filed: KCP 2.5 /03 ...also filed: KCP 2.6 /02 ...also filed: KCP 2.8.2 /04 ...also filed: KCP 2.8.3 /03 ...also filed: KCP 2.8.5.1 /02 ...also filed: KCP 2.8.7 /02	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCP 2.5 /01	Bittner, P.; Rexer, K.	2002	Determination of the viscosity Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027702, Edition Number: M-213843-01-1 Date: 2002-10-31	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP/GEP: yes, unpublished					
KCP 2.5 /02	Bittner, P.; Rexer, K.	2002	Determination of the surface tension Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027700, Edition Number: M-213839-01-1 Date: 2002-10-31 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.5 /03	Rexer, K.	2012	Physical, chemical and technical properties of ethofumesate SC 500 (500 g/L) Bayer CropScience, Report No.: FM0110(PC00)G0 1, Edition Number: M-424523-01-1 Date: 2012-01-24 GLP/GEP: yes, unpublished ...also filed: KCP 2.1 /04 ...also filed: KCP 2.4 /02 ...also filed: KCP 2.6 /02 ...also filed: KCP 2.8.2 /04 ...also filed: KCP 2.8.3 /03 ...also filed: KCP 2.8.5.1 /02 ...also filed: KCP 2.8.7 /02	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCP 2.6 /01	Bittner, P.; Rexer, K.	2002	Determination of the density Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			CropScience, Report No.: C027698, Edition Number: M-213835-01-1 Date: 2002-10-31 GLP/GEP: yes, unpublished					
KCP 2.6 /02	Rexer, K.	2012	Physical, chemical and technical properties of ethofumesate SC 500 (500 g/L) Bayer CropScience, Report No.: FM0110(PC00)G0 1, Edition Number: M-424523-01-1 Date: 2012-01-24 GLP/GEP: yes, unpublished ...also filed: KCP 2.1 /04 ...also filed: KCP 2.4 /02 ...also filed: KCP 2.5 /03 ...also filed: KCP 2.8.2 /04 ...also filed: KCP 2.8.3 /03 ...also filed: KCP 2.8.5.1 /02 ...also filed: KCP 2.8.7 /02	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCP 2.7 /01	Palmer, J. H.	1998	Identity and accelerated storage stability of the plant protection product up to 2 months at 40 degrees centigrade; Code: AE B049913 00 SC45 A102 (CR 18654/01)- Ethofumesate suspension concentrate (SC) 500 g/l; AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer CropScience, Report No.: A91183, Edition Number: M-167890-01-1 Date: 1998-01-28 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 2.7 /02	Suessmann, R.; Rexer, K.	1999	Determination of the storage stability Ethofumesate + phenmedipham + desmedipham emulsifiable concentrate 128 + 62 + 16 g/L Code: AE B049913 01 EC20 A204 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C003081, Edition Number: M-185582-01-1 Date: 1999-03-17 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.7 /03	Suessmann, R.; Rexer, K.	2002	Determination of the storage stability (accelerated storage test 14 days / weeks at 54 degrees C) Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027622, Edition Number: M-213685-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.7 /04	Suessmann, R.; Rexer, K.	2002	Determination of the low temperature stability Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.:	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			C027621, Edition Number: M-213683-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished					
KCP 2.7 /05	Rexer, K.	2012	Storage stability at elevated temperature and cold stability of ethofumesate SC 500 (500 g/L) - Packaging material: HDPE - Final report Bayer CropScience, Report No.: FM0110(AC01)N0 1, Edition Number: M-424531-01-1 Date: 2012-02-06 GLP/GEP: no, unpublished	N	Y	Data requirement	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCP 2.7 /06	Haack, K. J.	2013	EMS and iBMS in Ethofumesate containing formulations Bayer CropScience, Report No.: M- 450734-01-1, Edition Number: M-450734-01-1 Date: 2013-04-12 GLP/GEP: no, unpublished	N	Y	New regulatory requirement	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCP 2.7 /07	Rexer, K.	2013	Shelf life of ethofumesate SC 500 (500 g/L) - Packaging material: HDPE - Final report (2 years) Bayer CropScience, Report No.: FM0110(SLF01)N 01, Edition Number: M-467727-01-1 Date: 2013-10-21 GLP/GEP: no, unpublished	N	Y	Data requirement	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)
KCP 2.8.2 /01	Suessmann, R.; Rexer, K.	1999	Determination of the persistent foam Ethofumesate + phenmedipham + desmedipham emulsifiable concentrate 128 + 62 + 16 g/L Code: AE B049913 01 EC20 A204	N	N	-	Bayer CropScie nce	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C003079, Edition Number: M-185579-01-1 Date: 1999-03-17 GLP/GEP: no, unpublished					
KCP 2.8.2 /02	Steinke, K.	1994	BETANAL PROGRESS OIL EC (CQ 1549) - PERSISTENT FOAMING Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A61744, Edition Number: M-145285-01-1 Date: 1994-01-12 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.8.2 /03	Suessmann, R.; Rexer, K.	2002	Determination of the persistence of foam Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027618, Edition Number: M-213678-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.8.2 /04	Rexer, K.	2012	Physical, chemical and technical properties of ethofumesate SC 500 (500 g/L) Bayer CropScience, Report No.: FM0110(PC00)G0 1, Edition Number: M-424523-01-1 Date: 2012-01-24	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP/GEP: yes, unpublished ...also filed: KCP 2.1 /04 ...also filed: KCP 2.4 /02 ...also filed: KCP 2.5 /03 ...also filed: KCP 2.6 /02 ...also filed: KCP 2.8.3 /03 ...also filed: KCP 2.8.5.1 /02 ...also filed: KCP 2.8.7 /02					
KCP 2.8.3 /01	Suessmann, R.; Rexer, K.	2002	Determination of the suspensibility Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027619, Edition Number: M-213679-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.8.3 /02	Suessmann, R.; Rexer, K.	2002	Determination of the spontaneity Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027620, Edition Number: M-213681-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.8.3 /03	Rexer, K.	2012	Physical, chemical and technical properties of ethofumesate SC 500 (500 g/L) Bayer CropScience,	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: FM0110(PC00)G0 1, Edition Number: M-424523-01-1 Date: 2012-01-24 GLP/GEP: yes, unpublished ...also filed: KCP 2.1 /04 ...also filed: KCP 2.4 /02 ...also filed: KCP 2.5 /03 ...also filed: KCP 2.6 /02 ...also filed: KCP 2.8.2 /04 ...also filed: KCP 2.8.5.1 /02 ...also filed: KCP 2.8.7 /02					
KCP 2.8.5.1 /01	Suessmann, R.; Rexer, K.	2002	Determination of the particle size (wet sieving) Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027617, Edition Number: M-213676-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.8.5.1 /02	Rexer, K.	2012	Physical, chemical and technical properties of ethofumesate SC 500 (500 g/L) Bayer CropScience, Report No.: FM0110(PC00)G0 1, Edition Number: M-424523-01-1 Date: 2012-01-24 GLP/GEP: yes, unpublished ...also filed: KCP 2.1 /04 ...also filed: KCP 2.4 /02 ...also filed: KCP 2.5 /03	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			...also filed: KCP 2.6 /02 ...also filed: KCP 2.8.2 /04 ...also filed: KCP 2.8.3 /03 ...also filed: KCP 2.8.7 /02					
KCP 2.8.6 /01	Suessmann, R.; Rexer, K.	1999	Determination of the emulsifiability Ethofumesate + phenmedipham + desmedipham emulsifiable concentrate 128 + 62 + 16 g/L Code: AE B049913 01 EC20 A204 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C003076, Edition Number: M-185572-01-1 Date: 1999-03-17 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.8.7 /01	Suessmann, R.; Rexer, K.	2002	Determination of the pourability Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A203 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C027624, Edition Number: M-213689-01-1 Date: 2002-10-28 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
KCP 2.8.7 /02	Rexer, K.	2012	Physical, chemical and technical properties of ethofumesate SC 500 (500 g/L) Bayer CropScience, Report No.: FM0110(PC00)G0 1, Edition Number: M-424523-01-1 Date: 2012-01-24	N	Y	Former study was not according to GLP	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP/GEP: yes, unpublished ...also filed: KCP 2.1 /04 ...also filed: KCP 2.4 /02 ...also filed: KCP 2.5 /03 ...also filed: KCP 2.6 /02 ...also filed: KCP 2.8.2 /04 ...also filed: KCP 2.8.3 /03 ...also filed: KCP 2.8.5.1 /02					
KCP 2.9 /01	Jacob, T.; Rexer, K.	2002	Determination of the physical and chemical compatibility Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A200 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C021453, Edition Number: M-211234-01-1 Date: 2002-03-21 GLP/GEP: no, unpublished	N	N	-	Bayer CropScie nce	In DAR (1998)
CP formulation ETHOFOL 500 SC								
KCP 2.1/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.3/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.4/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial	N	Y	New data for existing formulation, not	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no			previously submitted nor evaluated		
KCP 2.4/02	White, G.A.	2003b	Ethofol 500g/l SC formulation: Accelerated storage stability trial ph Determinations United Phosphorus Ltd., J14765 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.5/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.6/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.7/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.7/03	White, G.A.	2003b	Ethofol 500g/l SC formulation: Accelerated storage stability trial ph Determinations United Phosphorus Ltd., J14765 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP: yes Published: no					
KCP 2.8.2/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.8.3/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.8.5.1/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.8.7/01	White, G.A.	2006	Ethofol 500g/l SC formulation: storage stability trial United Phosphorus Ltd., J14876 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 2.9/01	Gejl, M.	2004	To test the tank mix compatibility of different mixtures of herbicides United Phosphorus Ltd., N . 51 04 01 Agrolab A/S, Middelfart, Denmark GLP/GEP: no Published: no	N	N	not protected	UPL	Submitted for the purpose of renewal (2014)
KCP 2.9/02	Sorensen, T.	1999	Test of tank mixtures with SweDane Betasana 2000, 160 g/l phenmedipham. United Phosphorus Ltd., N . 990803 Agrolab A/S,	N	N	not protected	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Middelfart, Denmark GLP/GEP: no Published: no					

A.3. DATA ON APPLICATION AND EFFICACY

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 3.3	Noeding, S.	2012	Evaluation of the pre-emergence biological activity of ethofumesate and its metabolite NC 20645 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FFS125016, Edition Number: M-436350-01-1 Date: 2012-05-09 GLP/GEP: no, unpublished	N	N Study not GEP/GLP – no data protection granted according to Article 59 of Regulation (EC) 1107/2009	New regulatory requirement	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 3.3	Noeding, S.	2010	Evaluation of the pre-emergence biological activity of ethofumesate and its two enantiomers (enantiomer 1, enantiomer 2) Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FFS105044, Edition Number: M-401886-01-1 Date: 2010-07-29 GLP/GEP: no, unpublished ...also filed: KCA 1.9 /01	N	N Study not GEP/GLP – no data protection granted according to Article 59 of Regulation (EC) 1107/2009	New regulatory requirement	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 3.3	Noeding, S.	2010	Evaluation of the Post-emergence biological activity of ethofumesate and its two enantiomers (enantiomer 1, enantiomer 2) Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FFS105043, Edition Number: M-401889-01-1 Date: 2010-07-29 GLP/GEP: no, unpublished	N	N Study not GEP/GLP – no data protection granted according to Article 59 of Regulation (EC) 1107/2009	New regulatory requirement	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			...also filed: KCA 1.9 /02					

A.4. FURTHER INFORMATION

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 4.2	Anonymous	2014	SAFETY DATA SHEET: ETHOFOL 500 SC United Phosphorus Ltd., not available United Phosphorus Ltd GLP/GEP: no Published: no	N	N	-	UPL	Submitted for the purpose of renewal (2014)
KCP 4.2	Suessmann, R.; Rexer, K.	2002	Guidelines in case of fire Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A200 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C020363, Edition Number: <u>M-209459-01-1</u> Date: 2002-02-18 GLP/GEP: no, unpublished	N	N		Bayer CropScie nce	DAR
KCP 4.3	Anonymous	2014	SAFETY DATA SHEET: ETHOFOL 500 SC United Phosphorus Ltd., not available United Phosphorus Ltd GLP/GEP: no Published: no Submitted in: KCP 4.2/01	N	N	-	UPL	Submitted for the purpose of renewal (2014)
KCP 4.4	Anonymous	2008	1,000 ML_PET_94 United Phosphorus Ltd., MS_21.04.08 United Phosphorus Ltd GLP/GEP: no Published: no	N	N	-	UPL	Submitted for the purpose of renewal (2014)
KCP 4.4	Anonymous	1900	5 LITRE AGROCHEM 200G UN*	N	N	-	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			United Phosphorus Ltd., not stated United Phosphorus Ltd GLP/GEP: no Published: no					
KCP 4.4	Castle, R.M.	1992	UPL PACKAGING & WASTE DATA FORM United Phosphorus Ltd., 51/TUN/1658 United Phosphorus Ltd GLP/GEP: no Published: no	N	N	-	UPL	Submitted for the purpose of renewal (2014)
KCP 4.4	Suessmann, R.; Rexer, K.	2002	Information on packaging Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A200 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C020364, Edition Number: <u>M-209461-01-1</u> Date: 2002-02-18 GLP/GEP: no, unpublished	N	N		Bayer CropScie nce	DAR
KCP 4.5	Friessleben, R.	2002	Instructions / recommendations for tank cleaning after application of sugar beet herbicides Betanal expert (AE B049913 01 EC23 A3) Magic Tandem (AE B038584 02 SC35 A2) Kemifam Pro FI (AE B049913 01 SE21 A3) Betanal Quattro (AE F082617 01 SE Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C025023,	N	N		Bayer CropScie nce	DAR

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Edition Number: <u>M-208505-01-1</u> GLP/GEP: no, unpublished					
KCP 4.5	Suessmann, R.; Rexer, K.	2002	Guidelines for disposal of leftover quantities Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A200 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C020361, Edition Number: <u>M-209455-01-1</u> Date: 2002-02-18 GLP/GEP: no, unpublished	N	N		Bayer CropScie nce	DAR
KCP 4.5	Suessmann, R.; Rexer, K.	2002	Guidelines for decontamination and disposal of empty containers Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A200 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C020362, Edition Number: <u>M-209457-01-1</u> Date: 2002-02-18 GLP/GEP: no, unpublished	N	N		Bayer CropScie nce	DAR

A.5. METHODS OF ANALYSIS

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
CA active substance								
KCA 4.1.1 /08	Fuchsbichler, G.	1989	Ethofumesat und 2-oxo-2,3-dihydro- 3,3-dimethyl- benzofurane-5-yl- methansulfonat (ethofumesat-2- keto), bestimmung in zuckerrueben Universität München; Freising; Germany Feinchemie Schwebda, Report No.: HVA 10/89, Edition Number: <u>M-463306-01-1</u> Date: 1989-07-12 GLP/GEP: no, unpublished ...also filed: KCA 4.1.2 /19	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.1.1 /09	Fuchsbichler, G.	1992	Ethofumesate; SC500; sugar beet; Germany; BBA Technische Universitaet Muenchen, Weihenstephan, Freising, Germany Feinchemie Schwebda , Report No.: HVA 14/91, Report includes Trial Nos.: FSG 3189-H-RI-A FSG 3189-H-RI-B FSG 3189-H-RIV-A FSG 3189-H-RIV-B Edition Number: <u>M-357851-01-2</u> Date: 1992-09-09 GLP/GEP: yes, unpublished ...also filed: KCA 4.1.2 /20	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.1.1 /10	Schneider, E.	1991	Bestimmung von Ethofumesat und Ethofumesat-2- keto in Spinat und Mais - Gaschromatograph ische Methode mit massenselektivem	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Detektor - not applicable - Feinchemie Schwebda, Report No.: <u>M-463329-01-1</u> , Edition Number: <u>M-463329-01-1</u> Date: 1991-02-02 GLP/GEP: no, unpublished ...also filed: KCA 4.1.2 /21					
KCA 4.1.1 /11	Krebs, G.; Schneider	1992	Determination of ethofumesate and phenmedipham in sugar beet plants high-pressure liquid chromatography - not applicable - Feinchemie Schebda, Report No.: DrK063, Edition Number: <u>M-463318-01-1</u> Date: 1992-07-07 GLP/GEP: no, unpublished ...also filed: KCA 4.1.2 /22	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.1.1 /12	Eichelmann, C.; Krautstrunk, G.	2011	Analytical method - Determination of AE B049913 (Ethofumesate) in technical grade and pure active substance by high performance liquid chromatography (HPLC) Bayer CropScience, Report No.: AM022208FP2, Edition Number: <u>M-411668-01-1</u> Date: 2011-08-03 GLP/GEP: no, unpublished	N	Y	Revised analytical method	Bayer CropScienc e	Submitted for the purpose of renewal (2014)
KCA 4.1.1 /13	Eichelmann, C.; Krautstrunk, G.	2011	Amendment no 1 to study report PA11/058 - Validation of HPLC-analytical method AM022208FP2 - Determination of AE B049913 (Ethofumesate) in technical grade and pure active substance by high performance liquid	N	Y	2011-02-17 to 2011-05-24 Validation according to SANCO/3030	Bayer CropScienc e	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			chromatography (HPLC) Bayer CropScience, Report No.: PA11/058 A1, Edition Number: <u>M-411672-02-1</u> Date: 2011-08-03 ...Amended: 2012- 06-01 GLP/GEP: yes, unpublished					
KCA 4.1.1 /22	Bittner, P.; Grimmig, B.	2006	Water determination according to Karl Fischer (CIPAC MT 30.5) Bayer CropScience, Report No.: PM000903MF3, Edition Number: <u>M-106281-03-2</u> Date: 2006-09-18 ...Amended: 2007- 07-24 GLP/GEP: no, unpublished	N	Y		Bayer CropScienc e	Submitted for the purpose of renewal (2014)
KCA 4.2 /01	Specht	1988	Verification of the applicability of the DFG multi- method S 19 for the quantitative determination of residues of ethofumesate in water and beet. Dr. Specht & Partner, Chemische Laboratorien GmbH, Germany Bayer CropScience, Report No.: A89831, Edition Number: <u>M-155359-01-2</u> Date: 1988-09-06 GLP/GEP: no, unpublished	N	N	-	Bayer CropScienc e	In DAR (1998)
KCA 4.2 /02	Wrede, A.	1997	Ethofumesate AE B049913 (Hoe 082551, ZK 49913) Analytical method for the determination of residues of ethofumesate and its metabolite NC 9607 (AE C509607) in sugar beets and chickpeas by GC Hoechst Schering	N	N	-	Bayer CropScienc e	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			<p>AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A89866, Report includes Trial Nos.: CR 96/021 Edition Number: <u>M-165538-01-1</u> Date: 1997-01-31 GLP/GEP: yes, unpublished ...also filed: KCA 4.1.2 /17</p>					
KCA 4.2 /03	Reichert, N.	2000	<p>Independent laboratory validation of the method of analysis for the determination of ethofumesate and metabolite NC 9607 (AE C0509607) in sugar beet and pea Institut Fresenius Chem und Biolog. Lab. AG, Taunusstein, Germany Bayer CropScience, Report No.: C009953, Edition Number: <u>M-199578-01-1</u> Date: 2000-10-10 GLP/GEP: yes, unpublished</p>	N	N	-	Bayer CropScienc e	In DAR (1998)
KCA 4.2 /04	Wrede, A.	2000	<p>Validation of the method AL 081/96-0 in peas and sugar beet roots by GC-MSD - ethofumesate - Code: AE B049913 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C009934, Edition Number: <u>M-199547-01-1</u> Date: 2000-09-28 GLP/GEP: yes, unpublished ...also filed: KCA</p>	N	N	-	Bayer CropScienc e	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			4.1.2 /18					
KCA 4.2 /05	Schneider, E.	2000	Validation of an analytical method for the determination of residues of ethofumesate and ethofumesate-2-keto in sugar beet roots and sugar beet leaves UCL GmbH, Koeln, Germany Feinchemie Schwebda , Report No.: OFC00004912, Edition Number: <u>M-351870-01-1</u> Date: 2000-02-23 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /06	Witte, A.	2000	Residue analysis of ethofumesate and ethofumesate-2-keto in sugar beet - Independent laboratory validation (ILV) GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH, Niefern-Oeschelbronn, Germany Feinchemie Schwebda , Report No.: OFC00004913, Edition Number: <u>M-351894-01-1</u> Date: 2000-06-29 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /07	Tew, E. L.; Cole, M.	2001	Analytical method for the determination of Ethofumesate and its metabolites NC 9607, NC 8493 and NC 20645 in sugar beet roots and tops Aventis CropScience; Bayer CropScience, Report No.: C045437, Edition Number: <u>M-237088-01-1</u> Date: 2001-10-31 GLP/GEP: no, unpublished ...also filed: KCA	N	N	-	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.2 /08	Eckert, J. A.	2001	4.1.2 /23 Independent laboratory Validation of Aventis CropScience Method-Analytical Method for the Determination of Ethofumesate and Its Metabolites, NC 9607, MC 8493 and NC 20645 in Sugar Beet Roots and Tops Enviro-Bio-Tech, Ltd., (EBT), Bernville, PA, USA Bayer CropScience, Report No.: B003792, Report includes Trial Nos.: AV- 01-01 Edition Number: <u>M-240796-01-1</u> EPA MRID No.: 45818104 Date: 2001-12-13 GLP/GEP: no, unpublished	N	N	-	Bayer CropScienc e	In DAR (1998)
KCA 4.2 /09	Luettgens, U.	1994	Ethofumesate - Validation of an analytical method for determination of ethofumesate residues in meat Dr.Krebs Analytik, Koeln, Germany Feinchemie Schwebda , Report No.: OFC00004920, Edition Number: <u>M-351945-01-1</u> Date: 1994-12-20 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /10	Peatman, M. H.	1999	Review of analytical methodology for residues in edible animal products (dairy, tissues, fat and offal) Ethofumesate AE B049913 AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer	N	N	-	Bayer CropScienc e	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			CropScience, Report No.: C003328, Edition Number: <u>M-185949-01-1</u> GLP/GEP: no, unpublished ...also filed: KCA 4.1.2 /28					
KCA 4.2 /11	Rzepka, S.	2004	Independent laboratory validation of an analytical method for the determination of ethofumesate and ethofumesate-2- keto in food of animal origin Dr. Specht & Partner, Chemische Laboratorien GmbH, Hamburg, Germany Feinchemie Schwebda , Report No.: OFC00004922, Report includes Trial Nos.: AZ.G0 4-0038 Edition Number: <u>M-234011-01-1</u> Date: 2004-06-29 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /12	Dorn, U.	2006	Independent Laboratory Validation of an Analytical Method for the Determination of Ethofumesate and Ethofumesate-2- keto in Meat PTRL Europe GmbH, Ulm, Germany Feinchemie Schwebda , Report No.: OFC00012323, Edition Number: <u>M-271716-01-1</u> Date: 2006-02-13 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /13	Schneider, E.	1999	Validation of an analytical method for the determination of ethofumesate and ethofumesate-2- keto in surface	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			water (determination limit of 0.1 mcg/L; monitoring method) Dr. Krebs Analytik GmbH, Koeln, Germany Feinchemie Schwebda , Report No.: C006011, Edition Number: <u>M-193143-01-1</u> Date: 1999-11-02 GLP/GEP: yes, unpublished ...also filed: KCA 4.1.2 /08					
KCA 4.2 /14	Schneider, E.	1995	Ethofumesate - Determination of ethofumesate in soil with a determination limit of 50ug/kg - Monitoring method Dr.Krebs Analytik, Koeln, Germany Feinchemie Schwebda , Report No.: OFC00004916, Edition Number: <u>M-351950-01-1</u> Date: 1995-03-03 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /15	Schneider, E.	2000	PR00/003 - Confirmation method for the determination of residues of ethofumesate in soil Dr.Krebs Analytik, Koeln, Germany Feinchemie Schwebda , Report No.: OFC00004917, Edition Number: <u>M-351953-01-1</u> Date: 2000-02-24 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /16	Schneider, E.	2000	PR00/002 - Validation of an analytical method for the determination of residues of ethofumesate in air - Monitoring method UCL GmbH,	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Koeln, Germany Feinchemie Schwebda , Report No.: OFC00004919, Edition Number: <u>M-351963-01-1</u> Date: 2000-02-24 GLP/GEP: yes, unpublished					
KCA 4.2 /17	Fuchsbichler, G.; Frank, C.	1990	Eine Methode zur Bestimmung von ethofumesat in Trinkwasser mittels Gaschromatograph ie Bayerische Hauptversuchsanst alt fuer Landwirtschaft der Technischen Universitaet Muenchen- Weihenstephan, Germany Feinchemie Schwebda, Report No.: <u>M- 468443-01-1</u> , Edition Number: <u>M-468443-01-1</u> Date: 1990-01-02 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /18	Schneider, E.	1992	Determination of ethofumesate in the soil of rotating crops Dr. Krebs Analytik, Köln, Germany Feinchemie Schwebda, Report No.: <u>M- 468435-01-1</u> , Edition Number: <u>M-468435-01-1</u> Date: 1992-06-22 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /19	Schneider, E.	1992	Determination of ethofumesate and phenmedipham in soil high pressure liquid chromatography Dr. Krebs Analytik, Köln, Germany Feinchemie Schwebda, Report No.: <u>M- 468439-01-1</u> , Edition Number:	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			<u>M-468439-01-1</u> Date: 1992-07-07 GLP/GEP: yes, unpublished					
KCA 4.2 /20	Schneider, E.	1994	PR93/016 - Validation of analytical method DrK078 - Determination of ethofumesate in air Dr. Krebs Analytik, Köln, Germany Feinchemie Schwebda, Report No.: <u>M-468448-01-1</u> , Edition Number: <u>M-468448-01-1</u> Date: 1994-02-16 GLP/GEP: yes, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /21	Schneider, E.	1991	Determination of ethofumesate in water and leaching water high pressure liquid chromatography Dr. Krebs Analytik, Köln, Germany Feinchemie Schwebda, Report No.: <u>M-468557-01-1</u> , Edition Number: <u>M-468557-01-1</u> Date: 1991-04-03 GLP/GEP: no, unpublished	N	N	-	Adama (formerly Feinchemie Schwebda)	In DAR (1998)
KCA 4.2 /22	Thom, M.	2005	Validation of an analytical method for the determination of residues of ethofumesate and ethofumesate-2- keto in various plant commodities GAB Biotechnologie GmbH & GAB Analytik GmbH, Niefern- Oeschelbronn, Germany Feinchemie Schwebda , Report No.: OFC00004832, Edition Number: <u>M-351876-01-1</u> Date: 2005-01-17 GLP/GEP: yes, unpublished	N	Y	Needed for risk assessment.	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.2 /23	Klimmek, S.	2005	Independent laboratory validation of an analytical method for the determination of ethofumesate and ethofumesate-2- keto in plant commodities Dr. Specht & Partner, Chemische Laboratorien GmbH, Hamburg, Germany Feinchemie Schwebda , Report No.: OFC00004833, Edition Number: <u>M-351896-01-1</u> Date: 2005-04-05 GLP/GEP: yes, unpublished	N	Y	Needed for risk assessment.	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)
KCA 4.2 /24	Thom, M.	2004	Validation of an analytical method for the determination of residues of ethofumesate and ethofumesate-2- keto in food of animal origin GAB Biotechnologie GmbH & GAB Analytik GmbH, Niefern- Oeschelbronn, Germany Feinchemie Schwebda , Report No.: OFC00004921, Edition Number: <u>M-351880-01-1</u> Date: 2004-03-15 GLP/GEP: yes, unpublished	N	Y	Needed for dietary risk assessment.	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)
KCA 4.2 /25	Mende, P.	2009	Validation of an analytical method for the determination of ethofumesate and ethofumesate-2- keto in liver, kidney and fat Eurofins-GAB GmbH, Niefern- Oeschelbronn, Germany Feinchemie Schwebda , Report No.: S09- 00540,	N	Y	Needed for risk assessment.	Adama (formerly Feinchemie Schwebda)	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Edition Number: <u>M-358951-01-1</u> Date: 2009-09-11 GLP/GEP: yes, unpublished					
KCA 4.2 /26	Brumhard, B.	2003	Method 00806 for the determination of residues of Ethofumesate in soil by HPLC- MS/MS Bayer CropScience, Report No.: 00806, Edition Number: <u>M-122176-01-1</u> <u>Method Report</u> <u>No.: MR-038/03</u> Date: 2003-02-05 GLP/GEP: yes, unpublished ...also filed: KCA 4.1.2 /30	N	Y	Needed for risk assessment.	Bayer CropScienc e	Submitted for the purpose of renewal (2014)
KCA 4.2 /27	Krebber, R.; Braune, M.	2013	Analytical method 01387 for the determination of various pesticides in drinking and surface water by HPLC-MS/MS Bayer CropScience, Report No.: MR- 13/085, Edition Number: <u>M-466732-01-1</u> <u>Method Report</u> <u>No.: MR-13/085</u> Date: 2013-10-09 GLP/GEP: yes, unpublished	N	Y	Enforcement analytical method for water meeting all guideline criteria	Task Force Ethofumesa te	Submitted for the purpose of renewal (2014)
KCA 4.2 /28	Class, T.	2013	Independent laboratory validation of the BCS method 01333 and 01387 for the determination of various pesticides in surface water by DI-HPLC-MS/MS PTRL Europe GmbH, Ulm, Germany Report No.: P3117G, Edition Number: <u>M-468318-01-1</u> <u>Method Report</u> <u>No.: P3117G</u> Date: 2013-10-15 GLP/GEP: yes, unpublished	N	Y	Validation of the Enforcement analytical method for water meeting all guideline criteria	Task Force Ethofumesa te	Submitted for the purpose of renewal (2014)
KCA	Schlewitz,	2013a	VALIDATION OF THE	N	Y	New data for active	UPL	Submitted for the purpose of

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
4.2/01	P.		ANALYTICAL METHOD FOR THE DETERMINATI ON OF ETHOFUMESA TE (FREE FORM), NC 9607 (FREE FORM) AND NC 20645 (FREE AND CONJUGATED FORM) IN HIGH PROTEIN/STAR CH CONTENT, HIGH WATER CONTENT, HIGH OIL CONTENT, HIGH ACID CONTENT AND DIFFICULT COMMODITIES United Phosphorus Ltd., R B3016 Anadiag S.A., Haguenau, France GLP: yes Published: no			ingredient, not previously submitted nor evaluated		renewal (2014)
KCA 4.2/02	Hamberger, R.	2012a	VALIDATION OF AN ANALYTICAL METHOD FOR THE DETERMINATI ON OF RESIDUES OF ETHOFUMESA TE AND ITS METABOLITES NC8493, NC9607 AND NC20645 IN SUGAR BEET MATRICES AgriChem B.V., 11A04042-01- VMSB CIP Chemisches Institut Pforzheim GmbH, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	KCA 4.2/02
KCA 4.2/03	Jooß, S.	2012	ETHOFUMESA TE - VALIDATION OF AN ANALYTICAL	N	Y	New data for active ingredient, not previously submitted nor	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			METHOD FOR THE DETERMINATI ON OF THE ETHOFUMESA TE AND ITS TWO METABOLITES NC 9607 AND NC 20645 IN FOODSTUFFS OF ANIMAL ORIGIN United Phosphorus Ltd., P 2371 G PTRL Europe, Ulm, Germany GLP: yes Published: no			evaluated		
KCA 4.2/04	Schlewitz, P.	2013b	INDEPENDENT LABORATORY VALIDATION OF AN ANALYTICAL METHOD FOR THE ANALYSIS OF ETHOFUMESA TE AND ITS TWO METABOLITES NC 9607 AND NC 20645 IN FOODSTUFFS OF ANIMAL ORIGIN United Phosphorus Ltd., R B1218 Anadiag S.A., Haguenau, France GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 4.2/05	Schlewitz, P.	2013c	STATEMENT TO DEVIATION NO. 121214 OF STUDY B1218 United Phosphorus Ltd., B1218 Anadiag S.A., Haguenau, France GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 4.2/06	Hamberger, R.	2012b	VALIDATION OF AN ANALYTICAL METHOD FOR THE DETERMINATI	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			ON OF RESIDUES OF ETHOFUMESA TE AND ITS METABOLITES NC8493 IN SOIL AgriChem B.V., 12A04042-01- VMS CIP Chemisches Institut Pforzheim GmbH, Germany GLP: yes Published: no					
KCA 4.2/07	Jooß, S.	2011	ETHOFUMESA TE - VALIDATION OF AN ANALYTICAL METHOD FOR THE DETERMINATI ON OF ETHOFUMESA TE IN WATER United Phosphorus Ltd., P 2368 G PTRL Europa, Ulm, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 4.2/08	Hamberger, R.	2012c	VALIDATION OF AN ANALYTICAL METHOD FOR THE DETERMINATI ON OF RESIDUES OF ETHOFUMESA TE AND ITS METABOLITES NC9607 AND NC20645 IN SURFACE WATER AgriChem B.V., 12A04042-01- VMWA CIP Chemisches Institut Pforzheim GmbH, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 4.2/09	Brown, D.	2014a	ETHOFUMESA TE - INDEPENDENT LABORATORY VALIDATION	N	Y	New data for active ingredient, not previously submitted nor	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			OF AN ANALYTICAL METHOD FOR THE DETERMINATI ON OF ETHOFUMESA TE AND ITS METABOLITES NC 20645 AND NC 9607 IN SURFACE WATER United Phosphorus Ltd., S13-04250 Eurofins Agroscience Service GmbH GLP: yes Published: no			evaluated		
KCA 4.2/10	Heintze, A.	2003a	VALIDATION OF AN ANALYTICAL METHOD FOR THE DETERMINATI ON OF ETHOFUMESA TE IN AIR. United Phosphorus Ltd., 20021050/01- CMLU GAB Biotechn. GmbH & IFU Umweltanalytik GmbH, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 4.2/11	Heintze, A.	2003b	VALIDATION OF AN ANALYTICAL METHOD FOR THE DETERMINATI ON OF ETHOFUMESA TE-2-KETO IN AIR. United Phosphorus Ltd., 20021049/01- CMLU GAB Biotechn. GmbH & IFU Umweltanalytik GmbH, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 4.2/12	Rooseboom -Reimers, A.	2003	VALIDATION OF AN ANALYTICAL	N	Y	New data for active ingredient, not	ACM*	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			METHOD FOR THE DETERMINATI ON OF ETHOFUMESA TE AND 2- KETOETHOFU MESATE IN AIR AgriChem B.V., V4799/02 TNO Nutrition and Food Res., Zeist, The Netherlands GLP: yes Published: no			previously submitted nor evaluated		
CP formulation ETHOFUMESATE SC 500								
KCP 5.1.1 /07	Michel, A.	2009	Determination of desmedipham, ethofumesate, metamitron and phenmedipham in formulations - Assay HPLC, external standard Bayer CropScience, Report No.: AM016709FF1, Edition Number: M-358630-01-1 Date: 2009-11-10 GLP/GEP: no, unpublished	N	Y	Revised analytical method	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCP 5.1.1 /08	Michel, A.	2009	Validation of HPLC-method AM016709FF1 - Determination of ethofumesate in formulations - Ethofumesate SC 500 g/L Bayer CropScience, Report No.: VB1- AM016709FF1, Edition Number: M-358634-01-1 Date: 2009-11-10 GLP/GEP: no, unpublished	N	Y	Validation according to SANCO /3030	Bayer CropScie nce	Submitted for the purpose of renewal (2014)
KCP 5.1.1 /09	Zoellner, P.; Fey, G.	2014	Analytical method - Determination of traces of AE C639174 (ethyl- methanesulfonate) and AE C639170 (isobutyl- methanesulfonate) in ethofumesate formulations by derivatization with trimethyl amine	N	Y	Validation according to SANCO /3030	Task Force Ethofum esate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			followed by liquid chromatography - mass spectrometry with selected-ion-recording (LC-MS/SIR) Bayer CropScience, Report No.: AM039414FP1, Edition Number: M-484464-01-1 Date: 2014-04-28 GLP/GEP: no, unpublished					
KCP 5.1.1 /10	Zoellner, P.; Fey, G.	2014	Validation of the analytical method AM039414FP1 for the determination of AE C639174 (ethyl-methanesulfonate) and AE C639170 (isobutyl-methanesulfonate) in AE B049913 (ethofumesate) formulations by derivatization with trimethyl amine followed by liquid chromatography - mass spectrometry with selected-ion-recording (LC-MS/SIR) Bayer CropScience, Report No.: PA14/002, Edition Number: M-484461-01-1 Date: 2014-04-28 GLP/GEP: yes, unpublished	N	Y	Validation according to SANCO /3030	Task Force Ethofume sate	Submitted for the purpose of renewal (2014)
CP formulation ETHOFOL 500 SC								
KCP 5.1.1/01	White, G.A.	2003	HPLC DETERMINATION OF ETHOFUMESATE IN TECHNICAL MATERIALS AND FORMULATIONS - FOR THE ETHOFOL 500G/L SC FORMULATION	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			United Phosphorus Ltd., J14405 G.C. Laboratories Ltd, Analytical Chemistry Centre, Stotfold, UK GLP: yes Published: no					
KCP 5.1.1/02	Bos, M.W.S.	2014	RE- VALIDATION OF SOP DLA- 262.2 "ETHOFUMES ATE TC GC-MS DETERMINATI ON OF TRACE IMPURITIES United Phosphorus Ltd., DL 14-127 Cerexagri B.V., Vondelingenplaat , The Netherlands GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

A.6. TOXICOLOGY AND METABOLISM DATA

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 5.1.1	[REDACTED]	1974	FURTHER MAMMALIAN METABOLISM STUDIES ON NC 8438 [REDACTED] Bayer CropScience, Report No.: A82951, Edition Number: <u>M-155228-01-</u> <u>1</u> EPA MRID No.: acc.36360 Date: 1974-03-01 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.1.1	[REDACTED]	1977	THE METABOLISM OF 14C- ETHOFUMESATE IN THE HAMSTER [REDACTED] Bayer CropScience, Report No.: A82961, Edition Number: <u>M-155238-01-</u> <u>1</u> Date: 1977-03-24 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.1.1	[REDACTED]	1977	THE PHARMACOKINETICS AND METABOLISM OF 14C- ETHOFUMESATE IN THE DOG [REDACTED] Bayer CropScience, Report No.: A82960, Edition Number: <u>M-155237-01-</u> <u>1</u> Date: 1977-03-24 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.1.1	[REDACTED]	1991	THE METABOLISM OF 14C- ETHOFUMESATE IN THE RAT [REDACTED] Bayer CropScience, Report No.: A87552, Report includes Trial Nos.:150624 Edition Number: <u>M-161454-01-</u> <u>1</u> Date: 1991-08-27 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.1.1	[REDACTED]	1994	Ethofumesate - ADME-Study in Rats [REDACTED] Feinchemie Schwebda , Report No.: OFC00004935, Edition Number: <u>M-351968-01-</u> <u>1</u> Date: 1994-07-18 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.1.1	[REDACTED]	1992	THE METABOLISM OF 14C- ETHOFUMESATE IN RATS [REDACTED] Bayer CropScience, Report No.: A82967, Report includes Trial Nos.:SMS 298/920303	Y	N	-	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			TOX 90540 Edition Number: <u>M-155244-01-1</u> EPA MRID No.: 42364503, 42689903 Date: 1992-06-04 GLP/GEP: yes, unpublished					
KCA 5.1.1		1993	Metabolism study of 14C-labelled ethofumesate after single oral and intravenous administration to sprague-dawley rats Feinchemie Schwebda, Report No.: <u>M-468464-01-1</u> , Edition Number: <u>M-468464-01-1</u> Date: 1993-12-01 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.1.1		1977	INVESTIGATION OF RESIDUE ACCUMULATION IN THE RAT FOLLOWING REPEATED ADMINISTRATION OF 14C ETHOFUMESATE Bayer CropScience, Report No.: A82962, Edition Number: <u>M-155239-01-1</u> EPA MRID No.: acc.93280 Date: 1977-07-01 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.1.3		2013	[Phenyl-UL-14C]ethofumesate: Isolation and identification of metabolite(s) from an in-vitro study with rat and human liver microsomes Report No.: EnSa-13-0841, Edition Number: M-469296-01-1 Date: 2013-11-11 GLP/GEP: yes, unpublished	N	Y	-	Bayer CropScience	Submitted for the purpose of renewal (2014) (considered by RMS as additional information only)
KCA 5.1.3		2013	[Phenyl-UL-14C]ethofumesate: Metabolic stability and profiling in liver microsomes from rats and humans for inter-species comparison Bayer CropScience, Report No.: S45316, Edition Number: M-471058-01-1 Date: 2013-11-29 GLP/GEP: yes, unpublished	N	Y	-	Bayer CropScience	Submitted for the purpose of renewal (2014) (considered by RMS as additional information only)
KCA 5.1.3		2007	STEREOSELECTIVE TOXICOKINETICS AND TISSUE DISTRIBUTION OF ETHOFUMESATE IN RABBITS	Y	N	-	LIT	Submitted for the purpose of renewal (2014)


Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP/GEP: no Published: yes					(considered by RMS as additional information only)
KCA 5.1.3		2009	SPECIES DIFFERENCES FOR STEREOSELECTIVE METABOLISM OF ETHOFUMESATE AND ITS ENANTIOMERS IN VITRO GLP/GEP: no Published: yes	N	N	-	LIT	Submitted for the purpose of renewal (2014) (considered by RMS as additional information only)
KCA 5.1.3		2012	ENANTIOSELECTIVE METABOLISM AND CYTOTOXICITY OF THE HERBICIDE ETHOFUMESATE IN RAT AND CHICKEN HEPATOCYTES GLP/GEP: no Published: yes	N	N	-	LIT	Submitted for the purpose of renewal (2014) (considered by RMS as additional information only)
IIA, 5.2.1		1988	Acute oral toxicity study in the rat: thofumesate technical. Report No.: BY-881109	Y	N	-	Barclay Chemicals R&D Limited	In DAR (1998)
IIA, 5.2.1		1988	Acute oral toxicity study in the mouse: Ethofumesate technical. Report No.: BY-881117A	Y	N	-	Barclay Chemicals R&D Limited	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 5.2.1	[REDACTED]	1988	Ethofumesate technical powder - Acute oral toxicity (limit test) in the rat [REDACTED] Bayer CropScience, Report No.: A83223, Report includes Trial Nos.: TOX/92286 Edition Number: <u>M-155494-01-1</u> Date: 1988-08-31 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.1	[REDACTED]	1991	Acute oral toxicity study with ethofumesate technical (FSG 03189 H/27 Feb. 90) in Wistar rats [REDACTED] Feinchemie Schwabda , Report No.: OFC00004836, Edition Number: <u>M-351974-01-1</u> Date: 1991-03-06 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwabda)	In DAR (1998)
KCA 5.2.1	[REDACTED]	1991	Acute oral toxicity study with ethofumesate technical (FSG 03189 H/27 Feb. 90) in Swiss albino mice [REDACTED] Feinchemie Schwabda , Report No.: OFC00004837, Edition Number: <u>M-351978-01-1</u> Date: 1991-03-06 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwabda)	In DAR (1998)
KCA 5.2.1	[REDACTED]	1992	ETHOFUMESATE: ACUTE ORAL TOXICITY (LIMIT TEST) IN THE RAT [REDACTED] Bayer CropScience, Report No.: A87559, Report includes Trial Nos.: 245/60 Edition Number: <u>M-161466-01-1</u> Date: 1992-04-13 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.1	[REDACTED]	1992	ETHOFUMESATE: ACUTE ORAL TOXICITY (LIMIT TEST) IN THE MOUSE [REDACTED] Bayer CropScience, Report No.: A87560, Report includes Trial Nos.: 245/64 Edition Number: <u>M-161468-01-1</u> Date: 1992-06-08 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.2	[REDACTED]	1979	Ethofumesate technical CR 4805/4 acute dermal toxicity study in rabbits	Y	N	-	Bayer CropScience	In DAR (1998)

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			<p>[REDACTED]</p> <p>Bayer CropScience, Report No.: A83173, Report includes Trial Nos.: 411795 Edition Number: <u>M-155447-01-1</u> EPA MRID No.: acc.30419 Date: 1979-03-27 GLP/GEP: no, unpublished</p>					
KCA 5.2.2	[REDACTED]	1988	<p>TECHNICAL ETHOFUMESATE POWDER: ACUTE DERMAL TOXICITY (Limit Test) IN THE RAT [REDACTED]</p> <p>Bayer CropScience, Report No.: A83224, Report includes Trial Nos.: TOX/92287 Edition Number: <u>M-155495-01-1</u> Date: 1988-08-31 GLP/GEP: yes, unpublished</p>	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.2	[REDACTED]	1991	<p>Acute dermal toxicity study with ethofumesate technical (FSG 03189 H/27 Feb. 90) in Wistar rats [REDACTED]</p> <p>Feinchemie Schwebda, Report No.: OFC00004838, Edition Number: <u>M-351980-01-1</u> Date: 1991-03-06 GLP/GEP: yes, unpublished</p>	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.2.2	[REDACTED]	1992	<p>ETHOFUMESATE: ACUTE DERMAL TOXICITY (LIMIT TEST) IN THE RAT [REDACTED]</p> <p>Bayer CropScience, Report No.: A87561, Report includes Trial Nos.: 245/61 Edition Number: <u>M-161469-01-1</u> Date: 1992-04-07 GLP/GEP: yes, unpublished</p>	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.3	[REDACTED]	1986	<p>Acute toxicological study of ethofumesate-Stefes after inhalation by the rat. [REDACTED] Report No.: ??</p>	Y	N	-	Barclay Chemicals R&D Limited	In DAR (1998)
KCA 5.2.3	[REDACTED]	1989	<p>ETHOFUMESATE: ACUTE INHALATION TOXICITY STUDY IN RATS 4 HOUR EXPOSURE [REDACTED]</p> <p>Bayer CropScience, Report No.: A87562, Edition Number: <u>M-161471-01-1</u></p>	Y	N	-	Bayer CropScience	In DAR (1998)

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			Date: 1989-11-21 GLP/GEP: yes, unpublished					
KCA 5.2.3		1991	Acute inhalation toxicity study with ethofumesate technical (FSG 03189 H/27 Feb. 90) in Wistar rats Feinchemie Schwebda , Report No.: OFC00004840, Edition Number: <u>M-351989-01-1</u> Date: 1991-03-06 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.2.3		1988	ETHOFUMESATE TECHNICAL: ACUTE INHALATION TOXICITY STUDY FOUR-HOUR EXPOSURE IN THE RAT Bayer CropScience, Report No.: A83217, Edition Number: <u>M-155489-01-1</u> Date: 1988-08-02 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.4		1991	Primary skin irritation study with ethofumesate technical (FSG 03189 H/27 Feb.90) in new zealand white rabbits Feinchemie Schwebda , Report No.: OFC00004841, Edition Number: <u>M-351993-01-1</u> Date: 1991-03-06 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.2.4		1992	Ethofumesate: Acute dermal irritation test in the rabbit Bayer CropScience, Report No.: A87563, Report includes Trial Nos.: 245/65 Edition Number: <u>M-161472-01-1</u> Date: 1992-06-23 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.4		1991	TECHNICAL ETHOFUMESATE: RABBIT SKIN IRRITANCY STUDY Bayer CropScience, Report No.: A83207, Report includes Trial Nos.: TOX 90535 Edition Number: <u>M-155479-01-1</u> EPA MRID No.: 41949205 Date: 1991-03-13 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.5		1991	Primary eye irritation study with ethofumesate technical (FSG	Y	N	-	Adama (former	In DAR (1998)

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			03189 H/27 Feb.90) in New Zealand white rabbits [REDACTED] Feinchemie Schwabda , Report No.: OFC00004842, Edition Number: <u>M-351996-01-1</u> Date: 1991-03-06 GLP/GEP: yes, unpublished				Feinchemie Schwabda)	
KCA 5.2.5	[REDACTED]	1992	Ethofumesate: Acute eye irritation test in the rabbit [REDACTED] Bayer CropScience, Report No.: A87564, Report includes Trial Nos.: 245/66 Edition Number: <u>M-161473-01-1</u> Date: 1992-06-29 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.5	[REDACTED]	1991	TECHNICAL ETHOFUMESATE: RABBIT EYE IRRITANCY STUDY [REDACTED] Bayer CropScience, Report No.: A83208, Report includes Trial Nos.: TOX 90536 Edition Number: <u>M-155480-01-1</u> EPA MRID No.: 41949204 Date: 1991-03-13 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.6	[REDACTED]	1984	Technical ethofumesate CR 4805. Delayed contact hypersensitivity in the guinea-pig – and Amendment 1 [REDACTED] Bayer CropScience, Report No.: <u>M-155461-02-1</u> , Report includes Trial Nos.: TOX 83103 Edition Number: <u>M-155461-02-1</u> Date: 1984-01-16 ...Amended: 2005-05-20 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.2.6	[REDACTED]	1991	Skin sensitization study with ethofumesate technical (FSG 03089 H/27 Feb. 90) in Guinea Pigs (Buehler Test) [REDACTED] Feinchemie Schwabda , Report No.: OFC00004843, Edition Number: <u>M-351999-01-1</u> Date: 1991-11-18 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwabda)	In DAR (1998)
KCA 5.2.6	[REDACTED]	1989	ETHOFUMESATE: SENSITISATION TEST IN THE GUINEA PIG	Y	N	-	Bayer CropScience	In DAR (1998)

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			(MAGNUSSON AND KLIGMAN MAXIMISATION METHOD)  Bayer CropScience, Report No.: A87565, Report includes Trial Nos.: A/M/10804 Edition Number: <u>M-161474-01-1</u> Date: 1989-01-30 GLP/GEP: yes, unpublished					
KCA 5.2.7	Hepperheimer, A.	2012	Cytotoxicity assay In vitro with BALB/c 3T3 cells: Neutral red (NR) test with Ethofumesate during simultaneous irradiation with artificial sunlight United Phosphorus Ltd., 1474000 Harlan cytotoest Cell Research GmbH (Harlan CCR) GLP/GEP: yes, unpublished	N	Y	New study necessary according to new data requirements	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 5.3.1	[REDACTED]	1994	ETHOFUMESATE: ORAL (CAPSULE/GAVAGE) MAXIMUM TOLERATED DOSE (MTD) AND 28 DAY REPEAT DOSE RANGE FINDING STUDY IN THE DOG [REDACTED] Bayer CropScience, Report No.: A87567, Edition Number: <u>M-161477-01-1</u> Date: 1994-04-25 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.3.1	[REDACTED]	1989	Desmedipham / ethofumesate; dietary dose range finding study in rats [REDACTED] Bayer CropScience, Report No.: A63715, Edition Number: <u>M-147174-01-1</u> Date: 1989-01-13 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.3.1	[REDACTED]	1988	ETHOFUMESATE: PRELIMINARY DOSE RANGE FINDING STUDY IN RATS BY DIETARY ADMINISTRATION FOR 4 WEEKS [REDACTED] Bayer CropScience, Report No.: A87566, Edition Number: <u>M-161475-01-1</u> Date: 1988-06-23 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.3.1	[REDACTED]	1991	28 day dietary study in Wistar rats - Ethofumesate technical (FSG 03189 H/27 FEB.90) RALLIS Agrochemical [REDACTED] Feinchemie Schwebda , Report No.: OFC00004844, Edition Number: <u>M-352006-01-1</u> Date: 1991-07-22 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.3.2	[REDACTED]	1990	Ethofumesate technical: 90 day oral toxicity study in the rat. [REDACTED] Report No.: BY-900117	Y	N	-	Barclay Chemicals R&D Limited	In DAR (1998)
KCA 5.3.2	[REDACTED]	1994	ETHOFUMESATE: 13 WEEK ORAL (GAVAGE) TOXICITY STUDY IN THE DOG [REDACTED] Bayer CropScience, Report No.: A87568,	Y	N	-	Bayer CropScience	In DAR (1998)



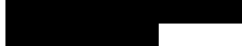






Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Edition Number: <u>M-161478-01-1</u> Date: 1994-04-25 GLP/GEP: yes, unpublished					
KCA 5.3.2		1989	ETHOFUMESATE TECHNICAL: NINETY-DAY (Dietary Administration) TOXICITY STUDY IN THE RAT Bayer CropScience, Report No.: A83225, Report includes Trial Nos.: 43/30 Edition Number: <u>M-155496-01-1</u> Date: 1989-06-07 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.3.2		1990	ETHOFUMESATE 13 WEEK ORAL (DIETARY) DOSE RANGE FINDING STUDY IN THE MOUSE. Bayer CropScience, Report No.: A89579, Edition Number: <u>M-165016-01-1</u> EPA MRID No.: 44156201 Date: 1990-07-01 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In DAR (1998)
KCA 5.3.2		1989	ETHOFUMESATE: TOXICITY TO RATS BY DIETARY ADMINISTRATION FOR 13 WEEKS Bayer CropScience, Report No.: A89580, Edition Number: <u>M-165018-01-1</u> EPA MRID No.: 44093601 Date: 1989-06-18 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.3.2		1992	90 day oral toxicity study in Wistar rats - Ethofumesate technical (FSG H/27 FEB.90) Feinchemie Schwebda, Report No.: OFC00004845, Edition Number: <u>M-352012-01-1</u> Date: 1992-04-10 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.3.3		1991	TECHNICAL ETHOFUMESATE: RABBIT TWENTY ONE DAY DERMAL TOXICITY STUDY Bayer CropScience, Report No.: A83209,	Y	N	-	Bayer CropScience	In DAR (1998)

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			Report includes Trial Nos.: TOX 90537 Edition Number: <u>M-155481-01-1</u> Date: 1991-05-20 GLP/GEP: yes, unpublished					
KCA 5.4.1		1986	TECHNICAL ETHOFUMESATE: METAPHASE CHROMOSOME ANALYSIS OF HUMAN LYMPHOCYTES CULTURED IN VITRO Report No.: A83192, Report includes Trial Nos.: TOX 86086 Edition Number: <u>M-155465-01-1</u> EPA MRID No.: 41214203 Date: 1986-12-11 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 5.4.1		1987	AN INVESTIGATION INTO THE POSSIBLE INDUCTION OF POINT MUTATIONS AT THE HGPRT LOCUS OF CHINESE HAMSTER OVARY CELLS BY ETHOFUMESATE TNO: Report No.: A87571, Report includes Trial Nos.: 17818 Edition Number: <u>M-161483-01-1</u> Date: 1987-06-25 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 5.4.1		1994	ETHOFUMESATE BACTERIAL MUTATION ASSAY Bayer CropScience, Report No.: A83222, Report includes Trial Nos.: TOX 94329 Edition Number: <u>M-155493-01-1</u> EPA MRID No.: 43529501 Date: 1994-12-07 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)

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KCA 5.4.1		1986	TECHNICAL ETHOFUMESATE: MOUSE LYMPHOMA (6TG) FLUCTUATION ASSAY Microtest: Report No.: A83191, Report includes Trial Nos.: BFC 2/ML TOX 86085 Edition Number: <u>M-155464-01-1</u> EPA MRID No.: 41710501 Date: 1986-11-11 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 5.4.1	Sokolowski, A.	2013	Salmonella typhimurium reverse mutation assay with ethofumesate, technical Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1523800, Edition Number: <u>M-449020-01-1</u> Date: 2013-03-14 GLP/GEP: yes, unpublished	N	Y	Required to test current production material	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 5.4.1	Suresh, T. P.	1993	Mutagenicity - Salmonella typhimurium reverse mutation assay (Ames test) - Ethofumesate technical Rallis India Ltd., Research Centre, Bangalore, India Feinchemie Schwebda, Report No.: 904-MUT:AMES, Edition Number: <u>M-359339-01-1</u> Date: 1993-04-30 GLP/GEP: yes, unpublished	N	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.4.1	Thompson, P.W.	1992	Ethofumesate technical: Reverse mutation "Ames test" using Salmonella typhimurium. SafePharm Laboratories Ltd. Report No: 134/35	N	N	-	Barclay Chemicals R&D Limited	In DAR (1998)

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KCA 5.4.1	[REDACTED]	1987	CHROMOSOME ANALYSIS OF CHINESE HAMSTER OVARY CELLS TREATED IN VITRO WITH ETHOFUMESATE [REDACTED] Bayer CropScience, Report No.: A87573, Report includes Trial Nos.: B87-0471 Edition Number: <u>M-161486-01-1</u> Date: 1987-05-08 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 5.4.1	Wilmer, J. W.	1987	EXAMINATION OF ETHOFUMESATE FOR MUTAGENIC ACTIVITY IN THE AMES TEST TNO, Zeist, Netherlands Bayer CropScience, Report No.: A87570, Report includes Trial Nos.: B87-0064/05 Edition Number: <u>M-161481-01-1</u> Date: 1987-04-15 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 5.4.2	[REDACTED]	1985	TECHNICAL ETHOFUMESATE: MOUSE MICRONUCLEUS TEST [REDACTED] Bayer CropScience, Report No.: A83189, Report includes Trial Nos.: TOX 85060 Edition Number: <u>M-155462-01-1</u> EPA MRID No.: 41214217 Date: 1985-12-11 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.4.2	[REDACTED]	1988	TECHNICAL ETHOFUMESATE: ASSESSMENT OF UNSCHEDULED DNA SYNTHESIS USING RAT HEPATOCYTE CULTURES [REDACTED] Bayer CropScience, Report No.: A83194, Report includes Trial Nos.: TOX 87229 Edition Number: <u>M-155467-01-1</u> EPA MRID No.: 41214204 Date: 1988-04-28 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.4.3	[REDACTED]	1992	Dominant lethal test in wistar rats [REDACTED] Feinchemie Schwebda, Report No.: OFC00004854, Edition Number: <u>M-351976-01-1</u> Date: 1992-11-04	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)

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KCA 5.4.2	[REDACTED]	1993	GLP/GEP: yes, unpublished Mutagenicity-micronucleus test in swiss albino mice [REDACTED] Feinchemie Schwebda , Report No.: OFC00004855, Edition Number: <u>M-351970-01-1</u> Date: 1993-05-06 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.4.2	[REDACTED]	1994	Genetic toxicity - In vivo mammalian bone marrow cytogenetic test - Chromosomal analysis [REDACTED] Feinchemie Schwebda , Report No.: OFC00004856, Edition Number: <u>M-351972-01-1</u> Date: 1994-04-19 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.4.2	[REDACTED]	1992	ETHOFUMESATE: MICRONUCLEUS ASSAY IN BONE MARROW CELLS OF THE MOUSE [REDACTED] Bayer CropScience, Report No.: A87572, Edition Number: <u>M-161484-01-1</u> Date: 1992-11-30 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.5	[REDACTED]	1992	Ethofumesate - 104 week dietary carcinogenicity study in rats (Addendum 1) [REDACTED] Bayer CropScience, Report No.: A89584, Edition Number: M-165033-01-1 EPA MRID No.: 44093604 Date: 1992-06-02 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.5	[REDACTED]	1980	A CARCINOGENICITY STUDY OF TECHNICAL NC 8438 IN HAMSTERS (LIFETIME STUDY) CR 4805/4 [REDACTED] Bayer CropScience, Report No.: A83178, Report includes Trial Nos.: TOX 74004 Edition Number: M-155452-01-1 EPA MRID No.: acc.243881 Date: 1980-08-04 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.5	[REDACTED]	1980	TECHNICAL NC 8438 (CR 4805/3) TOXICITY STUDY IN BEAGLE DOGS (FINAL REPORT : DIETARY INTAKE FOR 104 WEEKS)	Y	N	-	Bayer CropScience	In DAR (1998)

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			 Bayer CropScience, Report No.: A83176, Report includes Trial Nos.: TOX 77020 Edition Number: M-155450-01-1 EPA MRID No.: 000243884, 00062822, acc.243884 Date: 1980-02-20 GLP/GEP: yes, unpublished					
KCA 5.5		1990	ETHOFUMESATE: 52 WEEK DIETARY TOXICITY STUDY IN RATS  Bayer CropScience, Report No.: A89582, Report includes Trial Nos.: 437609 Edition Number: M-165028-01-1 EPA MRID No.: 44093602 Date: 1991-08-21 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.5		1991	ETHOFUMESATE: 104 WEEK DIETARY CARCINOGENICITY STUDY IN RATS  Bayer CropScience, Report No.: A89583, Report includes Trial Nos.: 437609 Edition Number: M-165030-01-1 EPA MRID No.: 44093603 Date: 1992-06-02 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.5		1992	ETHOFUMESATE: 80 WEEK ORAL (DIETARY) CARCINOGENICITY STUDY IN THE MOUSE  Bayer CropScience, Report No.: A89581, Edition Number: M-165020-01-1 EPA MRID No.: 44156202 Date: 1992-06-26 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.5		1976	The effects of the dietary administration of NC 8438 to male and female rats for two years  Bayer CropScience, Report No.: A83155, Edition Number: M-155430-01-1 EPA MRID No.: acc.41853 Date: 1976-01-01	Y	N	-	Bayer CropScience	In DAR (1998)

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KCA 5.5	[REDACTED]	1976	GLP/GEP: no, unpublished The Effects of Dietary Administration of NC 8438 to male and female rats for two years - SUMMARY [REDACTED] Bayer CropScience, Report No.: A89487, Edition Number: M-164863-01-1 EPA MRID No.: 00041853 GLP/GEP: n.a., unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.5	[REDACTED]	1995	Combined chronic toxicity and carcinogenicity study in wistar rats [REDACTED] Feinchemie Schwebda , Report No.: OFC00004858, Edition Number: M-352005-01-1 Date: 1995-06-26 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 5.6.1	[REDACTED]	1989	ETHOFUMESATE: DIETARY RAT GENERAL REPRODUCTIVE PERFORMANCE DOSE RANGING STUDY [REDACTED] Bayer CropScience, Report No.: A87578, Edition Number: M-161494-01-1 Date: 1989-03-09 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.6.1	[REDACTED]	1990	ETHOFUMESATE: DIETARY RAT TWO-GENERATION REPRODUCTION TOXICITY STUDY VOL I-II [REDACTED] Bayer CropScience, Report No.: A87579, Edition Number: M-161496-01-1 Date: 1990-08-22 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.6.1	[REDACTED]	1993	Ethofumesate technical - Two generation reproduction study in Wistar rats [REDACTED] Feinchemie Schwebda , Report No.: OFC00004862, Edition Number: M-352016-01-1 Date: 1993-11-08 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.6.1	[REDACTED]	1980	TECHNICAL NC 8438: MULTIGENERATION STUDY IN THE RAT - FINAL REPORT - VOLUMES I AND II [REDACTED] Bayer CropScience, Report No.: A83174, Report includes Trial Nos.: TOX 77003 Edition Number: M-155448-01-1 EPA MRID No.: 00062823, acc.62823 Date: 1980-09-26 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.6.2	[REDACTED]	1991	ETHOFUMESATE: ORAL (GAVAGE) RANGE FINDING STUDY IN THE PREGNANT RAT [REDACTED] Bayer CropScience, Report No.: A87574, Report includes Trial Nos.: 520-/23 Edition Number: M-161487-01-1 Date: 1991-07-11 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 5.6.2	██████	1991	ETHOFUMESATE: ORAL (GAVAGE) TERATOLOGY STUDY IN THE RAT ██████ Bayer CropScience, Report No.: A87575, Edition Number: <u>M-161489-01-1</u> Date: 1991-07-08 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.6.2	██████	1991	ETHOFUMESATE: ORAL (GAVAGE) RANGE FINDING STUDY IN THE PREGNANT RABBIT ██████ Bayer CropScience, Report No.: A87576, Edition Number: <u>M-161491-01-1</u> Date: 1991-07-05 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.6.2	██████	1991	ETHOFUMESATE: ORAL (GAVAGE) TERATOLOGY STUDY IN THE RABBIT ██████ Bayer CropScience, Report No.: A87577, Edition Number: <u>M-161492-01-1</u> Date: 1991-07-08 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.6.2	██████	1991	TECHNICAL ETHOFUMESATE: ORAL TERATOLOGY (DEVELOPMENTAL TOXICITY) STUDY IN THE RAT ██████ Bayer CropScience, Report No.: A83205, Report includes Trial Nos.: 194/37, 194/38 TOX 90207 Edition Number: <u>M-155477-01-1</u> EPA MRID No.: 42067701 Date: 1991-05-10 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.6.2	██████	1991	Teratogenicity study in wistar rats ████████████████████ Feinchemie Schwebda , Report No.: OFC00004865, Edition Number: <u>M-352018-01-1</u> Date: 1991-12-03 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.6.2	██████	1993	Teratogenicity study in rabbits ████████████████████ Feinchemie Schwebda , Report No.: OFC00004866, Edition Number: <u>M-352093-01-1</u> Date: 1993-04-16 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.6.2	██████	1999	Amendment - Teratogenicity	Y	N	-	Adama	Submitted

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			study in wistar rats [REDACTED] Feinchemie Schwebda , Report No.: OFC00004864, Edition Number: <u>M-352142-01-1</u> Date: 1999-05-26 GLP/GEP: no, unpublished				(former Feinchemie Schwebda)	for the purpose of renewal (2014)
KCA 5.6.2	[REDACTED]	1986	SN 49.913 (ETHOFUMESATE) - EMBRYOTOXICITY INCLUDING TERATOGENICITY STUDY IN THE RABBIT AFTER DAILY INTRAGASTRIC ADMINISTRATION FROM DAY 6 TO DAY 18 OF GESTATION [REDACTED] Bayer CropScience, Report No.: A83190, Edition Number: <u>M-155463-01-1</u> Date: 1986-01-28 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCA 5.8.1	Sokolowski, A.	2012	Salmonella typhimurium reverse mutation assay with BCS-CU88901 (Na salt of NC 20645) Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1457201, Edition Number: <u>M-427430-01-1</u> Date: 2012-02-21 GLP/GEP: yes, unpublished	Y	Y	Assumed by the notifier to be triggered by groundwater guidance document (SANCO/221 /2000)	Bayer CropScience	Submitted for the purpose of renewal (2014), however, necessity questionable
KCA 5.8.1	[REDACTED]	2012	In vitro chromosome aberration test in Chinese hamster V79 cells with BCS-CU88901 (Na Salt of NC 20645) [REDACTED] Bayer CropScience, Report No.: 1457202, Edition Number: <u>M-429561-01-1</u> Date: 2012-04-11 GLP/GEP: yes, unpublished	Y	Y	Assumed by the notifier to be triggered by groundwater guidance document (SANCO/221 /2000)	Bayer CropScience	Submitted for the purpose of renewal (2014), however, necessity questionable
KCA 5.8.1	[REDACTED]	2012	Gene mutation assay in Chinese hamster V79 cells in vitro (V79/HPRT) - BCS-CU88901 (Na salt of NC 20645) [REDACTED] Bayer CropScience, Report No.: 1457203, Edition Number: <u>M-436262-01-1</u> Date: 2012-08-07 GLP/GEP: yes, unpublished	Y	Y	Assumed by the notifier to be triggered by groundwater guidance document (SANCO/221 /2000)	Bayer CropScience	Submitted for the purpose of renewal (2014), however, necessity questionable
KCA 5.8.2	[REDACTED]	1993	Ethofumesate technical L4047: Acute intraperitoneal toxicity (limit test) in the rat. [REDACTED] Report No: 134/60	Y	N	-	Barclay Chemicals R&D Limited	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 5.8.2	[REDACTED]	1993	Acute intraperitoneal toxicity test of ethofumesate technical in rats [REDACTED] Feinchemie Schwebda, Report No.: <u>M-436188-01-1</u> , Edition Number: <u>M-436188-01-1</u> Date: 1993-01-31 GLP/GEP: yes, unpublished	Y	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 5.9	[REDACTED]	2008	Ethofumesate (CAS: 26225-79-6) - Report on a literature search for the following topics: Human clinical data / case reports / epidemiology and additionally neurotoxicity [REDACTED] Feinchemie Schwebda, Report No.: <u>M-352095-01-1</u> , Edition Number: <u>M-352095-01-1</u> Date: 2008-09-30 GLP/GEP: yes, unpublished	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 5.9	Shanker, B.	2014	Occupational Health Statement United Phosphorus Ltd., not applicable GLP/GEP: no Published: no	N	N	-	UPL	Submitted for the purpose of renewal (2014)
KCP 7.1.1	[REDACTED]	1996a	AD 496: ACUTE ORAL TOXICITY (LIMIT TEST) IN THE RAT United Phosphorus Ltd., 665/058 [REDACTED] GLP: yes Published: no	Y	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 7.1.1	[REDACTED]	1989	NORTON 50 SC (CR 18654/7): RAT ACUTE ORAL TOXICITY STUDY [REDACTED] Report No.: A83199, Report includes Trial Nos.: TOX 89231 Edition Number: <u>M-155471-01-1</u> EPA MRID No.: 414301-01 Date: 1989-05-26 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCP 7.1.2	[REDACTED]	1996b	AD 496: ACUTE DERMAL TOXICITY (LIMIT TEST) IN THE RAT United Phosphorus Ltd., 665/059 [REDACTED] GLP: yes Published: no	Y	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 7.1.2	[REDACTED]	1989	NORTRON 50 SC (CR 18654/7): RAT ACUTE DERMAL TOXICITY STUDY [REDACTED] Bayer CropScience, Report No.: A83200, Report includes Trial Nos.: TOX 89232 Edition Number: <u>M-155472-01-1</u> Date: 1989-05-26 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCP 7.1.3	[REDACTED]	2008	Acute inhalation toxicity study in rats (Nortron SC) [REDACTED] Laboratory Study number 25983, M-327134-01-1 GLP/GEP: yes, unpublished	Y	Y	Required according to new data requirements	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCP 7.1.4	[REDACTED]	1996c	AD 496: ACUTE DERMAL IRRITATION TEST IN THE RABBIT United Phosphorus Ltd., 665/060 [REDACTED] GLP: yes Published: no	Y	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 7.1.4	[REDACTED]	1989	NORTRON 50 SC CR 18654/7: RABBIT SKIN IRRITANCY STUDY [REDACTED] Bayer CropScience, Report No.: A83201, Report includes Trial Nos.: TOX 89233 Edition Number: <u>M-155473-01-1</u> Date: 1989-06-13 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCP 7.1.5	[REDACTED]	1996d	AD 496: ACUTE EYE IRRITATION TEST IN THE RABBIT United Phosphorus Ltd., 665/061 [REDACTED] GLP: yes Published: no	Y	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 7.1.5	[REDACTED]	1989	NORTON 50 SC, CR 18654/7: RABBIT EYE IRRITANCY STUDY [REDACTED] Bayer CropScience, Report No.: A83202, Report includes Trial Nos.: TOX 89234 Edition Number: <u>M-155474-01-1</u> Date: 1989-06-13 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	In DAR (1998)
KCP 7.1.6	[REDACTED]	2003	ETHOFOL 500 SC: SKIN SENSITISATION IN THE GUINEA PIG - MAGNUSSON AND KLIGMAN MAXIMISATION METHOD	Y	Y	New data for existing formulation, not previously	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			United Phosphorus Ltd., 237/207 [REDACTED] GLP: yes Published: no			submitted nor evaluated		
KCP 7.1.6	[REDACTED]	2010	ETHOFUMESATE 500 G/L ASSESSMENT OF THE SKIN SENSITISATION POTENTIAL IN THE MOUSE USING THE LOCAL LYMPH NODE ASSAY(LLNA) AgriChem B.V., LLNA-PH- 10/0154 [REDACTED] GLP: yes Published: no	Y	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 7.1.6	[REDACTED]	1989	Nortron 50, SC CR 18654/7: Delayed contact hypersensitivity study in the Guinea-pig (Buehler test) [REDACTED] Bayer CropScience, Report No.: A83204, Report includes Trial Nos.: 891017D/SMS 189/SS TOX 89313 Edition Number: <u>M-155476-01-</u> <u>1</u> Date: 1989-10-30 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In DAR (1998)
KCP 7.1.6	[REDACTED]	2005	Ethofumesate SC 500 (AE B049913 00 SC45 A2) (Project: Ethofumesate) - Local lymph node assay in mice (LLNA/IMDS) [REDACTED] Bayer CropScience, Report No.: AT02190, Edition Number: <u>M-257228-01-</u> <u>1</u> Date: 2005-06-30 GLP/GEP: yes, unpublished	Y	Y	Old Buehler test from DAR only with limited acceptability	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCP 7.3	[REDACTED]	2012	ETHOFUMESATE - IN VITRO DERMAL ABSORPTION STUDY USING HUMAN SKIN United Phosphorus Ltd., YRK0017 [REDACTED] GLP: yes Published: no	Y	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 7.3	[REDACTED]	2011	Nortron SC 500 formulation: [14C]-ethofumesate comparative in vitro dermal absorption study using human and rat skin [REDACTED] Bayer CropScience, Report No.: SA 11099, Edition Number: <u>M-415675-01-1</u> Date: 2011-10-12 GLP/GEP: yes, unpublished	Y	Y	Default value used at 1st inclusion, required for representative formulation	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)

A.7. RESIDUE DATA

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 6.1	Whiteoak, R. J.	1975	STABILITY OF RESIDUES DURING STORAGE OF CROP AND SOIL SAMPLES FROM TRIALS WITH NORTON Fisons plc, United Kingdom Bayer CropScience, Report No.: A83296, Edition Number: <u>M-155565-01-1</u> Date: 1975-08-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.1	Bright, J. H. M.	1991	STABILITY OF ETHOFUMESATE AND NC 9607 RESIDUES IN SUGARBEET ROOTS AND TOPS DURING DEEP FREEZE STORAGE Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83111, Report includes Trial Nos.: 041/02/001 Edition Number: <u>M-155386-01-1</u> Date: 1991-03-08 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.1	Cole, M. G.	1995	ETHOFUMESATE: STABILITY OF ETHOFUMESATE, NC 9607 AND NC 8493 IN GRASS DURING FROZEN STORAGE, USA, 1993 Hoechst NOR-AM AgrEvo Inc., USA Bayer CropScience, Report No.: A54281, Edition Number: <u>M-134863-01-1</u> EPA MRID No.: 43765701 Date: 1995-06-14 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.1	Schulte, G.	2013	Storage stability of open-ring-2-keto ethofumesate (AE C520645) in plant matrices for 24 months - Phase report after 6 months Bayer CropScience, Report No.: MR-13/086, Edition Number: <u>M-459806-01-1</u> Date: 2013-07-11 GLP/GEP: yes, unpublished	N	Y	Data requirement: Storage stability of metabolite was not yet demonstrated.	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 6.1	Hamberger, R.	2013	Determination of the storage stability of Ethofumesate and its metabolite NC20645 in sugar beet matrices during storage at < or = to -18 C for a period of 12 months AgriChem B.V., 12A04042-01-SSSB CIP Chemisches Institut Pforzheim GmbH GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.1	Schlewitz, P.	2014	FROZEN storage stability of residues of ethofumesate metabolite NC 20645 in sugar beet (roots and tops with leaves)	N	Y	New data for active ingredient, not previously	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			United Phosphorus Ltd., R B1312 ANADIAG GLP: yes Published: no			submitted nor evaluated		
KCA 6.1	Perez, R.; Schmitt, J. L.; Patel, D.	2014	Freezer storage stability of ethofumesate in animal matrix samples - interim report ADPEN Laboratories, Inc., Jacksonville, FL, USA Bayer CropScience, Report No.: RAADP031, Edition Number: <u>M-467206-02-1</u> Date: 2013-09-26 GLP/GEP: yes, unpublished	Y	Y	Data requirement: Storage stability of metabolite was not yet demonstrated.	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 6.2	Miller, C.	1999	Summary of the metabolism of ethofumesate in plants Ethofumesate AE B049913 AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer CropScience, Report No.: C003349, Edition Number: <u>M-185979-01-1</u> GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.1	Adcock, J. W.; Wamer, P. A.; Challis, I. R.	1976	THE METABOLISM OF 14C-ETHOFUMESATE IN THE ONION Fisons plc, United Kingdom Bayer CropScience, Report No.: A82959, Edition Number: <u>M-155236-01-1</u> Date: 1976-10-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.1	Wamer, P. A.; Adcock, J. W.	1977	METABOLISM OF ETHOFUMESATE IN TOBACCO Fisons plc, United Kingdom Bayer CropScience, Report No.: A82963, Edition Number: <u>M-155240-01-1</u> Date: 1977-12-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.1	Lines, D. S.; Adcock, J. W.	1978	THE METABOLISM OF ETHOFUMESATE BY SUGAR BEET UNDER GREENHOUSE CONDITIONS Fisons plc, United Kingdom Bayer CropScience, Report No.: A82964, Edition Number: <u>M-155241-01-1</u> Date: 1978-12-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.1	Lines, D. S.; Adcock, J. W.	1979	THE METABOLISM OF ETHOFUMESATE (98% PURE 14C-ETHOFUMESATE) BY SUGAR BEET UNDER FIELD CONDITIONS Fisons plc, United Kingdom Bayer CropScience, Report No.: A82965, Edition Number: <u>M-155242-01-1</u> Date: 1979-01-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.1	Chapleo, S.	1992	THE METABOLISM OF [14C]-ETHOFUMESATE IN SUGAR	N	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			BEET - A GLASSHOUSE STUDY Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A82970, Report includes Trial Nos.: 381174 ENVIR 84B Edition Number: <u>M-155247-01-1</u> Date: 1992-09-22 GLP/GEP: yes, unpublished				nce	
KCA 6.2.1	Caley, C. Y.; Chapleo, S.; Haswell, A.	1994	THE METABOLISM OF 14C-ETHOFUMESATE IN SUGAR BEET Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A87553, Report includes Trial Nos.: 382445 Edition Number: <u>M-161455-01-1</u> Date: 1994-06-01 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.1	Chapleo, S.	1992	THE METABOLISM OF [14C]-ETHOFUMESATE IN ANNUAL RYEGRASS - A GLASSHOUSE STUDY Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A82971, Report includes Trial Nos.: 381169 ENVIR 85B Edition Number: <u>M-155248-01-1</u> Date: 1992-09-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.1	Mellet, M.	1993	Determination of the residues of ethofumesate, ethofumesate-2-keto and the conjugates in sugar beets after application of Ethosat 500 SC in France, 1992 ANADIAG S.A., Haguenau, France Feinchemie Schwebda, Report No.: <u>M-468491-01-1</u> , Report includes Trial Nos.: 92HBEBI01 92HBEBI06 Edition Number: <u>M-468491-01-1</u> Date: 1993-06-07 GLP/GEP: yes, unpublished	N	N	-	Feinchemie Schwebda	DAR (1998)
KCA 6.2.1	Hennecke, D.	2003	Metabolism of Ethofumesate in sugar beets United Phosphorus Ltd., GAB-002/7-08 Fraunhofer Institute for Molecular Biology and Applied Ecology (IME), Schmallingenberg, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 6.2.2	E	1992	THE METABOLISM OF 14C ETHOFUMESATE IN LAYING HENS [REDACTED]	Y	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Bayer CropScience, Report No.: A82969, Report includes Trial Nos.: SMS 297/920431 TOX 90542 Edition Number: <u>M-155246-01-1</u> Date: 1992-06-09 GLP/GEP: yes, unpublished					
KCA 6.2.2		1999	Poultry - Metabolism, Distribution and nature of the residues in eggs and edible tissues Code AE B049913 Bayer CropScience, Report No.: C002998, Report includes Trial Nos.: Tox97227 Edition Number: <u>M-185380-01-1</u> Date: 1999-06-01 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.2		1976	THE METABOLISM OF 14C-ETHOFUMESATE IN THE SHEEP Bayer CropScience, Report No.: A82958, Edition Number: <u>M-155235-01-1</u> Date: 1976-09-01 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.2		1992	THE METABOLISM OF 14C-ETHOFUMESATE IN THE COW Bayer CropScience, Report No.: A82968, Report includes Trial Nos.: SMS 296/920441 TOX 90541 Edition Number: <u>M-155245-01-1</u> Date: 1992-06-04 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience	DAR (1998)
KCA 6.2.2		1999	Metabolism, distribution and nature of the residues in milk and edible tissues Ethofumesate ruminant Code: AE B049913 Bayer CropScience, Report No.: C003362, Report includes Trial Nos.: TOX97226 Edition Number: <u>M-185993-01-1</u> Date: 1999-04-07 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.1	Crofts, M.	1978	Residues in strawberries after treatment with Nortron in the UK in 1978 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83048, Edition Number: <u>M-155325-01-1</u> Date: 1978-11-21	N	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 6.3.2	Manley, J. D.; Snowdon, P. J.	1987	GLP/GEP: no, unpublished Residues of Ethofumesate and its major metabolite in Haricot beans treated in France 1985 with a 20% formulation Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83081, Report includes Trial Nos.: 041/03/086 Edition Number: <u>M-155357-01-1</u> Date: 1987-11-23 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.2	Banwell, M.; Bright, J. H. M.	1990	Residues of Ethofumesate and its major metabolite in peas following application with a 20 EC formulation in the Netherlands 1988 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83086, Report includes Trial Nos.: 041/03/100 Edition Number: <u>M-155362-01-1</u> Date: 1990-04-10 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.2	Banwell, M.; Bright, J. H. M.	1990	Residues of Ethofumesate and its major metabolite in snap beans following treatment with a 50 SC formulation in France 1989 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83089, Report includes Trial Nos.: 041/03/114 UNC/TFLH/1 UNC/TFLH/2 Edition Number: <u>M-155365-01-1</u> Date: 1990-06-13 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.2	Banwell, M.; Bright, J. H. M.	1990	Residues of Ethofumesate and its major metabolite in French beans following treatment with a 20 EC formulation in the Netherlands 1989 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83091, Report includes Trial Nos.: 041/03/111 Edition Number: <u>M-155367-01-1</u> Date: 1990-06-13 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.2	Banwell, M.; Bright, J. H. M.	1990	Residues of Ethofumesate and its major metabolite in peas following treatment with a 50 SC formulation in France 1988 and 1989 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83094, Report includes Trial Nos.: 041/03/104 & 115 Edition Number: <u>M-155370-01-1</u> Date: 1990-06-22 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.2	Banwell, M.; Bright, J. H. M.	1990	Residues of Ethofumesate and its major metabolite in peas	N	N	-	Bayer CropScience	DAR (1998)

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	J. H. M.		following treatment with an EC Co-formulation with Phenmedipham in the Netherlands 1989 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83087, Report includes Trial Nos.: 041/03/110 Edition Number: <u>M-155363-01-1</u> Date: 1990-07-11 GLP/GEP: yes, unpublished				nce	
KCA 6.3.2	Old, J.; Doran, A.; Foster, A.C.; Smith, A.	1999	Phenmedipham/Ethofumesate residues in peas following two applications to peas in Northern/Central Europe Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: C004834, Edition Number: <u>M-188680-01-1</u> Date: 1999-09-20 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.3	Reary, J. B.; Browne, P. M.	1979	ANALYSIS OF RESIDUES IN TOBACCO FROM TRIALS WITH ETHOFUMESATE APPLIED AS THE 20% EC FORMULATION IN ITALY 1977 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83044, Edition Number: <u>M-155321-01-1</u> Date: 1979-06-08 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.3	Browne, P. M.; Reary, J. B.; Turnbull, G. J.	1980	ANALYSIS OF RESIDUES IN TOBACCO FROM TRIALS WITH ETHOFUMESATE (20 EC) IN ITALY 1979 + ANNEXE (TOXICOLOGICAL ASSESSMENT OF RESIDUE DATA) Fisons plc, United Kingdom Bayer CropScience, Report No.: A83055, Edition Number: <u>M-155332-01-1</u> Date: 1980-09-08 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.3	Snowdon, P. J.	1982	RESIDUES IN TOBACCO FOLLOWING APPLICATION OF ETHOFUMESATE IN ITALY 1980 FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83063, Edition Number: <u>M-155340-01-1</u> Date: 1982-01-07 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1975	RESIDUE DECLINE STUDY IN NEW ZEALAND WITH PASTURE GRASS TREATED POST-EMERGENCE IN WINTER WITH NORTON Fisons plc, United Kingdom Bayer CropScience, Report No.: A83000, Edition Number: <u>M-155277-01-1</u>	N	N	-	Bayer CropScience	DAR (1998)

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			Date: 1975-01-01 GLP/GEP: no, unpublished					
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1975	DECLINE OF RESIDUES IN ESTABLISHED RYEGRASS TREATED IN AUTUMN 1974 WITH NORTON IN THE UK Fisons plc, United Kingdom Bayer CropScience, Report No.: A83008, Edition Number: <u>M-155285-01-1</u> Date: 1975-05-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1975	DECLINE OF RESIDUES IN ESTABLISHED RYEGRASS TREATED IN SPRING 1975 WITH NORTON IN THE UK Fisons plc, United Kingdom Bayer CropScience, Report No.: A83009, Edition Number: <u>M-155286-01-1</u> Date: 1975-08-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1976	DECLINE OF RESIDUES IN ESTABLISHED PASTURE TREATED WITH NORTON (TRAMAT) IN AUSTRALIA - 1975/76 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83021, Edition Number: <u>M-155298-01-1</u> Date: 1976-09-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1977	DECLINE OF RESIDUES IN RYEGRASS FOLLOWING THE APPLICATION OF NORTON IN WASHINGTON USA - 1975/76 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83027, Edition Number: <u>M-155304-01-1</u> EPA MRID No.: 41214218 Date: 1977-06-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1977	RESIDUE DECLINE STUDY FOLLOWING THE APPLICATION OF NORTON TO ESTABLISHED RYEGRASS IN OREGON - 1974/75 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83014, Edition Number: <u>M-155291-01-1</u> EPA MRID No.: 41214218 Date: 1977-07-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1977	RESIDUE DECLINE STUDY FOLLOWING THE APPLICATION OF NORTON TO ESTABLISHED RYEGRASS IN WASHINGTON - 1974/75 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83015, Edition Number: <u>M-155292-01-1</u>	N	N	-	Bayer CropScience	DAR (1998)

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			EPA MRID No.: 41214218 Date: 1977-07-01 GLP/GEP: no, unpublished					
KCA 6.3.4	Crofts, M.; Whiteoak, R.	1977	DECLINE OF RESIDUES IN RYEGRASS AND KENTUCKY BLUEGRASS FOLLOWING THE APPLICATION OF NORTON IN OREGON, USA - 1975/76 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83029, Edition Number: <u>M-155306-01-1</u> EPA MRID No.: 41214219 Date: 1977-08-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Harris, R. J.; Whiteoak, R. J.	1978	DECLINE OF RESIDUES OF ETHOFUMESATE AND DIURON IN GRASS AFTER APPLICATION OF EACH COMPOUND SEPARATELY AND AS A TANK MIX Fisons plc, United Kingdom Bayer CropScience, Report No.: A83033, Edition Number: <u>M-155310-01-1</u> EPA MRID No.: 41214218 Date: 1978-02-02 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1978	RESIDUES IN RYEGRASS IN SPRING 1977 AFTER POST-EMERGENCE TREATMENT WITH NORTON (20 EC) IN FRANCE IN AUTUMN 1977 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83038, Edition Number: <u>M-155315-01-1</u> Date: 1978-08-18 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Harris, R. J.	1978	RESIDUES IN GRASS SEED AND HAY FOLLOWING THE APPLICATION OF NORTON IN OREGON USA IN 1974/75 AND 1975/76 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83040, Edition Number: <u>M-155317-01-1</u> EPA MRID No.: 41214218 Date: 1978-11-30 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Crofts, M.; Whiteoak, R. J.	1980	RESIDUES IN RYEGRASS AND KENTUCKY BLUEGRASS AT 41 AND 115 DAYS AFTER APPLICATION OF NORTON IN OREGON 1977/78 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83047, Edition Number: <u>M-155324-01-1</u> EPA MRID No.: 41214218 Date: 1980-01-08 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Reary, J. B.	1980	RESIDUE DECLINE IN GRASS TREATED WITH ETHOFUMESATE (20 EC) IN	N	N	-	Bayer CropScience	DAR (1998)

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			WEST GERMANY, AUTUMN 1979 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83054, Edition Number: <u>M-155331-01-1</u> Date: 1980-08-21 GLP/GEP: no, unpublished					
KCA 6.3.4	Reary, J. B.	1980	RESIDUE DECLINE IN GRASS TREATED WITH ETHOFUMESATE (20 EC) IN WEST GERMANY, SPRING 1980 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83056, Edition Number: <u>M-155333-01-1</u> Date: 1980-10-14 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Manley, J. D.; Snowdon, P. J.	1986	RESIDUES OF ETHOFUMESATE AND MAJOR METABOLITES IN GRASS TREATED IN HOLLAND 1983/84 WITH A 20% EC FORMULATION FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83073, Report includes Trial Nos.: 041/03/084 Edition Number: <u>M-155350-01-1</u> Date: 1986-02-04 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.4	Brady, S. S.	1994	ETHOFUMESATE: SUSPENSION CONCENTRATE 500 g/l CR 19035: ETHOFUMESATE-DERIVED RESIDUES IN OR ON GRASS, GRASS SCREENINGS AND STRAW FOLLOWING TREATMENT WITH NORTRON SC AT MAXIMUM USE RATES USA 1991 Nor-Am Chemical Company, Pikeville, NC, USA Bayer CropScience, Report No.: A83116, Edition Number: <u>M-155391-01-1</u> EPA MRID No.: 43298103 Date: 1994-04-14 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.	1975	RESIDUES IN FODDER BEET AND RED BEET FROM 1974 APPLICATIONS OF NORTRON IN THE UK Fisons plc, United Kingdom Bayer CropScience, Report No.: A83007, Edition Number: <u>M-155284-01-1</u> EPA MRID No.: 41214220 Date: 1975-05-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1976	RESIDUES IN MANGOLDS, FODDER BEET AND RED BEET FROM 1975 AND 1976 APPLICATIONS OF NORTRON IN THE UK (AND 1	N	N	-	Bayer CropScience	DAR (1998)

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			RED BEET TRIAL IN SWEDEN) Fisons plc, United Kingdom Bayer CropScience, Report No.: A83020, Edition Number: <u>M-155297-01-1</u> EPA MRID No.: 41214219 Date: 1976-09-01 GLP/GEP: no, unpublished					
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1977	RESIDUES IN RED BEET ROOTS FROM 1976 TRIALS WITH NORTON IN AUSTRALIA Fisons plc, United Kingdom Bayer CropScience, Report No.: A83022, Edition Number: <u>M-155299-01-1</u> EPA MRID No.: 41214220 Date: 1977-02-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.	1978	HARVEST RESIDUES IN RED BEET FROM NORTON TRIALS IN THE USA (NEW YORK, TEXAS AND WISCONSIN) IN 1976/77 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83036, Edition Number: <u>M-155313-01-1</u> EPA MRID No.: 41214219 Date: 1978-01-31 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.	1978	HARVEST RESIDUES IN RED BEET FROM A NORTON TRIAL IN CANADA IN 1977 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83039, Edition Number: <u>M-155316-01-1</u> EPA MRID No.: 41214233 Date: 1978-11-02 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Wrede, A.	1995	Residues in red beet after application of Betan progress in France 1993 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A83118, Report includes Trial Nos.: PF-R 93 098 Edition Number: <u>M-155393-01-1</u> Date: 1995-04-04 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1973	HARVEST RESIDUES IN SUGAR BEET (ROOTS AND LEAVES) FROM 1972 TRIALS WITH NORTON IN THE UK Fisons plc, United Kingdom Bayer CropScience, Report No.: A82975, Edition Number: <u>M-155252-01-1</u> EPA MRID No.: acc.36374 Date: 1973-07-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak,	1973	HARVEST RESIDUES IN SUGAR BEET (ROOTS AND	N	N	-	Bayer CropScience	DAR (1998)

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	R. J.		LEAVES) FROM FRENCH TRIALS WITH NORTRON IN 1972 Fisons plc, United Kingdom Bayer CropScience, Report No.: A82976, Edition Number: <u>M-155253-01-1</u> EPA MRID No.: 41214219 Date: 1973-07-01 GLP/GEP: no, unpublished				nce	
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1973	HARVEST RESIDUES IN SUGAR BEET (ROOTS AND LEAVES) FROM DANISH TRIALS WITH NORTRON IN 1972 Fisons plc, United Kingdom Bayer CropScience, Report No.: A82977, Edition Number: <u>M-155254-01-1</u> EPA MRID No.: 41214219 Date: 1973-08-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1973	HARVEST RESIDUES IN SUGAR BEET (ROOTS AND LEAVES) FROM AUSTRIAN TRIALS WITH NORTRON IN 1972 Fisons plc, United Kingdom Bayer CropScience, Report No.: A82978, Edition Number: <u>M-155255-01-1</u> Date: 1973-08-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1973	HARVEST RESIDUES IN SUGAR BEET (ROOTS AND LEAVES) FROM 1972 TRIALS WITH NORTRON IN YUGOSLAVIA Fisons plc, United Kingdom Bayer CropScience, Report No.: A82979, Edition Number: <u>M-155256-01-1</u> EPA MRID No.: 41414219 Date: 1973-08-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Whiteoak, R. J.; Crofts, M.; Harris, R. J.	1973	RESIDUES IN SUGAR BEET (ROOTS AND LEAVES) FROM 1972 TRIALS WITH NORTRON IN W. GERMANY (UPDATED) Fisons plc, United Kingdom Bayer CropScience, Report No.: A82980, Edition Number: <u>M-155257-01-1</u> EPA MRID No.: 41214220 Date: 1973-10-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Whiteoak, R. J.	1973	RESIDUE DECLINE STUDIES IN COLORADO (USA) WITH SUGAR BEET TREATED PRE-EMERGENCE WITH NORTRON IN 1972 Fisons plc, United Kingdom Bayer CropScience, Report No.: A82982, Edition Number: <u>M-155259-01-1</u> EPA MRID No.: acc.36365 Date: 1973-12-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)

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KCA 6.3.5	Whiteoak, R. J.; Crofts, M.	1974	RESIDUE DECLINE STUDIES IN MICHIGAN (USA) WITH SUGAR BEET TREATED PRE-EMERGENCE WITH NORTRON IN 1972 Fisons plc, United Kingdom Bayer CropScience, Report No.: A82983, Edition Number: <u>M-155260-01-1</u> EPA MRID No.: acc.37839 Date: 1974-02-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	NORTRON RESIDUE IN HARVEST SUGAR BEET FROM NINE REGIONS OF THE USA IN 1972 Fisons plc, United Kingdom Bayer CropScience, Report No.: A82986, Edition Number: <u>M-155263-01-1</u> EPA MRID No.: acc.36366 Date: 1974-03-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	HARVEST RESIDUES IN SUGAR BEET FROM 1973 PRE-EMERGENCE APPLICATIONS OF NORTRON (TRAMAT) IN ITALY Fisons plc, United Kingdom Bayer CropScience, Report No.: A82990, Edition Number: <u>M-155267-01-1</u> Date: 1974-06-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	RESIDUE DECLINE STUDY IN THE UK (1973) WITH SUGAR BEET TREATED PRE-EMERGENCE WITH NORTRON Fisons plc, United Kingdom Bayer CropScience, Report No.: A82992, Edition Number: <u>M-155269-01-1</u> Date: 1974-07-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	HARVEST RESIDUES IN FODDER BEET FROM 1973 PRE-EMERGENCE APPLICATION OF NORTRON (TRAMAT) IN W. GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A82993, Edition Number: <u>M-155270-01-1</u> Date: 1974-11-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	HARVEST RESIDUES IN FODDER BEET FROM 1972 AND 1973 POST-EMERGENCE APPLICATIONS OF NORTRON (TRAMAT) IN W. GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A82996, Edition Number: <u>M-155273-01-1</u> Date: 1974-11-01	N	N	-	Bayer CropScience	DAR (1998)

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KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	GLP/GEP: no, unpublished RESIDUE DECLINE STUDY IN THE UK (1973) WITH SUGAR BEET TREATED POST-EMERGENCE WITH NORTRON Fisons plc, United Kingdom Bayer CropScience, Report No.: A82997, Edition Number: <u>M-155274-01-1</u> Date: 1974-11-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	HARVEST RESIDUES IN SUGAR BEET FROM 1973 PRE-EMERGENCE APPLICATIONS OF NORTRON (TRAMAT) IN W. GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A82998, Edition Number: <u>M-155275-01-1</u> Date: 1974-12-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	HARVEST RESIDUES IN SUGAR BEET AND SOIL FROM 1973 POST-EMERGENCE APPLICATIONS OF NORTRON (TRAMAT) IN ITALY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83290, Edition Number: <u>M-155559-01-1</u> Date: 1974-12-01 GLP/GEP: no, unpublished ...also filed: KCA 7.1.2.2.1 /10	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1974	HARVEST RESIDUES IN SUGAR BEET FROM 1973 POST-EMERGENCE APPLICATIONS OF NORTRON IN THE UK Fisons plc, United Kingdom Bayer CropScience, Report No.: A82999, Edition Number: <u>M-155276-01-1</u> Date: 1974-12-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.	1975	HARVEST RESIDUES IN SUGAR BEET FROM 1974 PRE-EMERGENCE APPLICATIONS OF NORTRON IN CANADA Fisons plc, United Kingdom Bayer CropScience, Report No.: A83004, Edition Number: <u>M-155281-01-1</u> EPA MRID No.: 41214220 Date: 1975-03-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.	1975	DECLINE IN RESIDUES IN SUGAR BEET TREATED PRE-EMERGENCE WITH NORTRON (TRAMAT) IN ITALY (1974) Fisons plc, United Kingdom Bayer CropScience, Report No.: A83005,	N	N	-	Bayer CropScience	DAR (1998)

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			Edition Number: <u>M-155282-01-1</u> Date: 1975-04-01 GLP/GEP: no, unpublished					
KCA 6.3.5	Crofts, M.	1975	DECLINE OF RESIDUES IN SUGAR BEET TREATED POST-EMERGENCE WITH NORTON (TRAMAT) IN ITALY (1974) Fisons plc, United Kingdom Bayer CropScience, Report No.: A83006, Edition Number: <u>M-155283-01-1</u> Date: 1975-04-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Whiteoak, R. J.	1976	NORTON RESIDUES IN MATURE SUGAR BEET FOLLOWING POST-EMERGENCE APPLICATIONS AS A TANK MIX WITH DESMEDIPHAM IN THE USA Fisons plc, United Kingdom Bayer CropScience, Report No.: A83012, Edition Number: <u>M-155289-01-1</u> Date: 1976-02-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Harris, R. J.; Wilkie, P. M.	1976	COMPARISON OF RESIDUES IN MATURE SUGAR BEET TREATED PRE-EMERGENCE WITH NORTON 20 EC OR TCA OR A TANK MIX OF BOTH COMPONENTS IN THE USA Fisons plc, United Kingdom Bayer CropScience, Report No.: A83013, Edition Number: <u>M-155290-01-1</u> Date: 1976-03-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.; Harris, R. J.; Wilkie, P. M.	1976	COMPARISON OF RESIDUES IN MATURE SUGAR BEET TREATED PRE-EMERGENCE WITH NORTON OR PYRAMIN OR A TANK MIX OR BOTH COMPONENTS IN THE USA IN 1975 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83016, Edition Number: <u>M-155293-01-1</u> Date: 1976-05-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.	1976	NORTON AND RO-NEET RESIDUES IN MATURE SUGAR BEET FOLLOWING PRE-EMERGENCE APPLICATION AND TANK MIX IN THE USA IN 1974 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83017, Edition Number: <u>M-155294-01-1</u> Date: 1976-05-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.	1976	COMPARISON OF RESIDUES IN MATURE SUGAR BEET TREATED WITH AN SC OR AN EC FORMULATION OF	N	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			NORTON IN UK, 1975 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83019, Edition Number: <u>M-155296-01-1</u> Date: 1976-06-01 GLP/GEP: no, unpublished					
KCA 6.3.5	Crofts, M.	1978	HARVEST RESIDUES IN SUGAR BEET FROM PRE-EMERGENCE APPLICATIONS OF TRAMAT (NORTON) SC FORMULATION IN W. GERMANY IN 1976. Fisons plc, United Kingdom Bayer CropScience, Report No.: A83034, Edition Number: <u>M-155311-01-1</u> Date: 1978-01-23 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Crofts, M.	1978	HARVEST RESIDUES IN SUGAR BEET FROM 1977 TRIALS WITH TRAMAT (NORTON) SC AND EC FORMULATIONS IN W. GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83035, Edition Number: <u>M-155312-01-1</u> Date: 1978-01-23 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Harris, R. J.; Reary, J. B.	1979	RESIDUES IN MATURE SUGAR BEET FOLLOWING PRE-EMERGENCE APPLICATIONS OF SEPARATE OR TANK-MIX FORMULATIONS OF ETHOFUMESATE AND CHLORIDAZON IN MICHIGAN AND OHIO 1978 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83045, Edition Number: <u>M-155322-01-1</u> Date: 1979-09-13 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Browne, P. M.; Reary, J. B.	1979	ETHOFUMESATE RESIDUES IN MATURE SUGAR BEET TREATED POST EMERGENCE IN MIXTURES WITH PHENMEDIPHAM AND/OR DESMEDIPHAM IN USA 1977 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83046, Edition Number: <u>M-155323-01-1</u> EPA MRID No.: 41214220 Date: 1979-08-30 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Reary, J. B.	1980	RESIDUES IN MATURE SUGAR BEET TREATED POST-EMERGENCE WITH MIXTURES OF ETHOFUMESATE AND/OR PHENMEDIPHAM AND DESMEDIPHAM (COMMERCIAL EC FORMULATIONS) IN USA	N	N	-	Bayer CropScience	DAR (1998)

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			1979 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83049, Edition Number: <u>M-155326-01-1</u> EPA MRID No.: 41214219 Date: 1980-05-23 GLP/GEP: no, unpublished					
KCA 6.3.5	Reary, J. B.	1980	RESIDUES IN MATURE SUGAR BEET FOLLOWING PRE AND POST-EMERGENCE APPLICATION OF ETHOFUMESATE (20 EC) IN CALIFORNIA 1977 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83050, Edition Number: <u>M-155327-01-1</u> EPA MRID No.: 41214220 Date: 1980-06-20 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Browne, P. M.; Reary, J. B.	1980	RESIDUES IN SUGAR BEET TREATED PRE- EMERGENCE WITH A SUSPENSION CONCENTRATE FORMULATION (50 SC) OF ETHOFUMESATE IN WEST GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83053, Edition Number: <u>M-155330-01-1</u> Date: 1980-09-12 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Reary, J. B.	1980	RESIDUES IN MATURE SUGAR BEET TREATED PRE-EMERGENCE WITH MIXTURES OF ETHOFUMESATE AND/OR PEBULATE OR CYCLOATE (COMMERCIAL EC FORMULATIONS) IN CALIFORNIA 1979 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83051, Edition Number: <u>M-155328-01-1</u> EPA MRID No.: 41214220 Date: 1980-08-14 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Housden, M. C.; Reary, J. B.	1981	Residues of Ethofumesate and metabolites in sugar beet treated pre-emergence with a one-pack mixture of Ethofumesate and Lenacil in West Germany 1980 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83057, Edition Number: <u>M-155334-01-1</u> Date: 1981-01-14 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Reary, J. B.	1981	Residues of Ethofumesate and metabolites in sugar beet treated pre-emergence with a one-pack mixture of Ethofumesate and Chloridazon in West Germany 1980 Fisons plc, United Kingdom	N	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Bayer CropScience, Report No.: A83058, Edition Number: <u>M-155335-01-1</u> Date: 1981-01-15 GLP/GEP: no, unpublished					
KCA 6.3.5	Reary, J. B.	1981	Residues in sugar beet treated post-emergence with a suspension concentrate formulation (50 SC) of Ethofumesate in West Germany 1980 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83059, Edition Number: <u>M-155336-01-1</u> Date: 1981-01-15 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Haldeman, J. K.; Ford, J. J.	1982	ANTOR AND NORTON HERBICIDE RESIDUES IN SUGAR BEETS FROM TREATED PLOTS FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A89134, Edition Number: <u>M-164269-01-1</u> Date: 1982-02-22 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Cron, J. H.	1982	Residues of Ethofumesate and metabolites in sugar beet treated pre-emergence with a one-pack mixture of Ethofumesate and Chloridazon in West Germany 1981 FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83064, Edition Number: <u>M-155341-01-1</u> Date: 1982-02-11 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Haldeman, J. K.	1982	NORTON HERBICIDE RESIDUES IN SUGAR BEETS TREATED PRE- AND POST-PLANTING Hercules Inc.; Bayer CropScience, Report No.: A83066, Edition Number: <u>M-155343-01-1</u> Date: 1982-04-29 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Cron, J. H.	1982	Residues of Ethofumesate and metabolites in sugar/fodder beet treated post-emergence with Ethofumesate (50 SC) in West Germany 1981 FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83065, Edition Number: <u>M-155342-01-1</u> Date: 1982-04-02 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Haldeman, J. K.	1982	ETHOFUMESATE RESIDUES IN SUGAR BEETS FROM TWO CALIFORNIA LOCATIONS FBC Limited, Chesterford Park, United Kingdom Bayer CropScience,	N	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: A83067, Edition Number: <u>M-155344-01-1</u> Date: 1982-05-07 GLP/GEP: no, unpublished					
KCA 6.3.5	Ford, J. J.	1983	DIETHATYL ETHYL (ANTOR HERBICIDE) AND ETHOFUMESATE (NORTON HERBICIDE) RESIDUES IN 6-MONTH SUGAR BEETS FROM CALIFORNIA FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A89135, Report includes Trial Nos.: H41/3/81 H79/3/3 Edition Number: <u>M-164271-01-1</u> EPA MRID No.: 41214220 Date: 1983-07-13 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Lee, G. E.; Weishedel, B. C.	1984	ETHOFUMESATE (NORTON HERBICIDE) RESIDUES IN SUGAR BEETS FROM QUEBEC AND MANITOBA FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83069, Edition Number: <u>M-155346-01-1</u> Date: 1984-04-16 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Manley, J. D.; Snowdon, P. J.	1984	Residues of Ethofumesate and major metabolites in sugarbeet treated in West Germany 1982 and 1983, with a Co-formulation of Ethofumesate and Phenmedipham FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83072, Report includes Trial Nos.: 041/03/080 Edition Number: <u>M-155349-01-1</u> Date: 1984-09-20 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Snowdon, P. J.	1985	Residues of Ethofumesate and major metabolites in sugarbeet treated in France 1984 with Ethofumesate and Phenmedipham as either a Co-formulation of a Tank-mix FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83071, Report includes Trial Nos.: 041/03/082 Edition Number: <u>M-155348-01-1</u> Date: 1985-04-18 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Manley, J. D.; Snowdon, P. J.	1986	Residues of Ethofumesate and major metabolites in sugar beet treated in the Federal Republic of Germany, 1983 with a Co-formulation of Ethofumesate and Phenmedipham	N	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83077, Report includes Trial Nos.: 041/03/080 Edition Number: <u>M-155353-01-1</u> Date: 1986-08-04 GLP/GEP: no, unpublished					
KCA 6.3.5	Manley, J. D.; Snowdon, P. J.	1986	Residues of Ethofumesate and major metabolites in sugarbeet treated in the Federal Republic of Germany 1985 with a Co-formulation of Ethofumesate and Phenmedipham FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83078, Report includes Trial Nos.: 041/03/085 Edition Number: <u>M-155354-01-1</u> EPA MRID No.: 41214220 Date: 1986-09-16 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Banwell, M.; Bright, J. H. M.	1990	Residues of Ethofumesate and its major metabolites in sugar beet following multiple post-emergence application of an EC Co-formulation with Penmedipham and Desmedipham in Denmark 1989 (2nd Edition) Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83095, Report includes Trial Nos.: 041/03/116 Edition Number: <u>M-155764-02-1</u> Date: 1990-07-11 ...Amended: 1990-11-01 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Straszewski, A.	1993	Ethofumesate: SC (CQ 1273/01): Residues of Ethofumesate and its major metabolite in sugar beets France 1992 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83115, Edition Number: <u>M-155390-01-1</u> Date: 1993-09-23 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Wrede, A.	1995	Residues in sugar beet after application of Betanal progress of in France 1993 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A62042, Edition Number: <u>M-145562-01-1</u> Date: 1995-04-04 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.3.5	Helgers, A.	1997	Ethofumesate and lenacil suspension concentrate 300 + 120 g/l AE B049913 02 SC 37 A101 and AE B049913 02 WP42 A101 Ethofumesate and lenacil SC compared with a WP formulation	N	Y	8 residue trials in S-EU are required according to	Bayer CropScience	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			in sugar beet; determination of residues in sugar beet roots and Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A89772, Edition Number: <u>M-165366-02-1</u> Date: 1997-01-27 ...Amended: 1997-02-27 GLP/GEP: yes, unpublished			SANCO 7525/VI/95 rev. 9 (data gap in EFSA MRL review)		
KCA 6.3.5	Schulte, G.	2013	Amendment no. 1 to report no: 10-2109 - Determination of the residues of ethofumesate in/on sugar beet after spray application of ethofumesate SC 500 in the field in Spain, Italy and Greece Bayer CropScience, Report No.: 10-2109, Report includes Trial Nos.: 10-2109-01 10-2109-02 10-2109-03 10-2109-04 Edition Number: <u>M-444836-02-1</u> Date: 2013-01-15 ...Amended: 2013-07-09 GLP/GEP: yes, unpublished	N	Y	8 residue trials in S-EU are required according to SANCO 7525/VI/95 rev. 9 (data gap in EFSA MRL review)	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Tandy, R.	2012 a	Determination of residues of Ethofumesate, Phenmedipham and Desmedipham after one application of Ethofol 500SC or three applications of Betasana Trio SC in sugar beet (outdoor) at 4 sites in Northern Europe 2009 United Phosphorus Ltd., S09-01656 Eurofins Agroscience Services LTD, UK GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Perny, A.	2002	Residue study in sugar beets following treatments with a formulated product containing Ethofumesate 128 g/l, Phenmedipham 62 g/l and Desmedipham 16 g/l on sugar beet fields under field conditions in France and in the Netherlands in 2000 AgriChem B.V., R A0015 Anadiag S.A., Haguenau, France GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Perny, A.	2003	Residue study in sugar beets following treatments with a formulated product containing Ethofumesate 128 g/l, Phenmedipham 62 g/l and Desmedipham 16 g/l on sugar beet fields under field conditions in France and in The Netherlands in 2001 AgriChem B.V., R A1114 Anadiag S.A., Haguenau, France GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA	Huaultmé,	2013	Magnitude of residue of	N	Y	New data	ACM*	Submitted

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6.3.5	J.-M.	a	Ethofumesate and metabolites in sugar beet raw agricultural commodities after one foliar application of Ethofumesate 500 g/L SC - 4 trials (2 harvest trials and 2 decline curve trials) Northern Europe (The Netherlands, Belgium) - 2012 AgriChem B.V., BPL12/436/GC BIOTEK Agriculture GLP: yes Published: no			for active ingredient, not previously submitted nor evaluated		d for the purpose of renewal (2014)
KCA 6.3.5	Chevallier, E.	2012	Magnitude of residue of Ethofumesate and metabolites in sugar beet raw agricultural commodities after one foliar application of Ethofumesate 500 g/L SC - 4 trials (2 harvest trials and 2 decline curve trials) Northern Europe (The Netherlands, Belgium) - 2011 AgriChem B.V., BPL11/380/GC BIOTEK Agriculture GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Waalkens, W.M., Hamberger, R.	2005 a	Determination of the decline of the residues of Phenmedipham, MHPC, Methylaniline, Desmedipham, EHPC, Aniline, Ethofumesate, 2-Keto-Ethofumesate in/on sugar beet plants and roots after foliar applications of Phenmedipham 157 g/1 EC, Phenmedipham 157 g/1 SE and Ethofumesate / Phenmedipham / Desmedipham 128/62/21 g/1 EC to sugar beets in the Netherlands and northern France, 2003 AgriChem B.V., R03-16-NF-08 Res. Comp. for Plant Protec. "De Bredelaar" B.V., Elst, NL GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Waalkens, W.M., Hamberger, R.	2005 b	Determination of the magnitude of the residues of Phenmedipham, MHPC, Methylaniline, Desmedipham, EHPC, Aniline, Ethofumesate, 2-Keto-Ethofumesate in/on sugar beet plants and roots after foliar applications of Phenmedipham 157 g/1 EC, Phenmedipham 157 g/1 SE and Ethofumesate / Phenmedipham / Desmedipham 128/62/21 g/1 EC to sugar beets in the Netherlands and northern France, 2003 AgriChem B.V., R03-16-NF-09 Res. Comp. for Plant Protec. "De Bredelaar" B.V., Elst, NL GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Waalkens, W.M., Hamberger, R.	2005 c	Determination of the decline of the residues of Phenmedipham, MHCP, Methylaniline, Desmedipham, EHPC, Aniline, Ethofumesate, 2-Keto-	N	Y	New data for active ingredient, not previously	ACM*	Submitted for the purpose of renewal

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Ethofumesate in/on sugar beet plants and roots after foliar applications of Phenmedipham 157 g/l SE and Ethofumesate / Phenmedipham / Desmedipham 128/62/21 g/l EC to sugar beets in the Netherlands and northern France, 2004 AgriChem B.V., R04-16-NF-08 Res.Comp. for Plant Protec. "De Bredelaar" B.V., Elst, NL GLP: yes Published: no			y submitted nor evaluated		(2014)
KCA 6.3.5	Waalkens, W.M., Hamberger, R.	2005 d	Determination of the magnitude of the residues of Phenmedipham, MHPC, Methylaniline, Desmedipham, EHPC, Aniline, Ethofumesate, 2-Keto-Ethofumesate in / on sugar beet plants and roots after foliar applications of Phenmedipham 157 g/l SE and Ethofumesate / Phenmedipham / Desmedipham 128/62/21 g/l EC to sugar beets in the Netherlands and northern France, 2004 AgriChem B.V., R04-16-NF-09 Res.Comp. for Plant Protec. "De Bredelaar" B.V., Elst, NL GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Anspach, T.	2001	Magnitude of the residue of Phenmedipham, Desmedipham, Ethofumesate and its metabolite 2-oxo-Ethofumesate in sugar beets (roots and leaves/tops) after the application of Betasana Trio under field conditions in Germany, 2000 United Phosphorus Ltd., ADN-0004 Dr. Specht Partner, Chemische Laboratorien GmbH, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Tandy, R.	2013	Determination of residues of ETHOFUMSATE and ETHOFUMESATE-2-KETO, after one or three applications of ETHOFOL 500SC, or three application of BETASANA TRIO SC in sugar beet (outdoor) at 5 sites in Northern Europe and 5 sites in Southern Europe 2010 United Phosphorus Ltd., S10-00258 Eurofins Agroscience Services LTD, UK GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Waalkens, W.M., Hamberger, R.	2005 e	Determination of the magnitude of the residues of Phenmedipham, MHPC, Methylaniline, Desmedipham, EHPC, aniline, Ethofumesate, 2-Keto-Ethofumesate in/on sugar beet plants and roots after foliar applications of Phenmedipham	N	Y	New data for active ingredient, not previously submitted nor	ACM*	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			157 g/l SE and Ethofumesate / Phenmedipham / Desmedipham 128/62/21 g/l EC to sugar beets in northern Spain, 2003 AgriChem B.V., R03-16-SP-06 Res.Comp. for Plant Protec. "De Bredelaar" B.V., Elst, NL GLP: yes Published: no			evaluated		
KCA 6.3.5	Waalkens, W.M., Hamberger, R.	2005 f	Determination of the decline of the residues of Phenmedipham, MHPC, Methylaniline, Desmedipham, EHPC, Aniline, Ethofumesate, 2-Keto-Ethofumesate in/on fodder beet plants and roots after foliar applications of Phenmedipham 157 g/l SE and Ethofumesate / Phenmedipham / Desmedipham 128/62/21 g/l EC to fodder beets in southern France, 2003 AgriChem B.V., R03-16-FR-07 Res.Comp. for Plant Protec. "De Bredelaar" B.V., Elst, NL GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Huauclémé, J.-M.	2013 b	Magnitude of residue of Ethofumesate and metabolites in sugar beet raw agricultural commodities after one foliar application of Ethofumesate 500 g/L SC - 4 trials (2 harvest trials and 2 decline curve trials) Southern Europe (Italy, Spain)-2012 AgriChem B.V., BPL12/435/GC BIOTEK Agriculture GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.3.5	Tandy, R.	2012 b	Validation of the analytical method A0019 to confirm the conversion of NC 20645 to NC 9607 in sugar beet roots and tops and wheat grain and straw United Phosphorus Ltd., S11-03715 Eurofins Agrosience Service GmbH GLP/GEP: no Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 6.3.1/16	Weir, A.	2014	METHOD MODIFICATION AND VALIDATION OF AN ANALYTICAL METHOD FOR THE DETERMINATION OF ETHOFUMESATE AND ITS METABOLITES NC 20645 AND NC 9607 IN SUGARBEET ROOTS AND TOPS United Phosphorus Ltd., S13-03837 Eurofins Agrosience Services LTD, UK GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 6.4.1		1975	INVESTIGATION OF TISSUE AND EGG RESIDUES FROM HENS FOLLOWING DIETARY INTAKE OF NC 8438 FOR 21	Y	N	-	Bayer CropScience	DAR (1998)

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			DAYS [REDACTED] Bayer CropScience, Report No.: A83011, Edition Number: <u>M-155288-01-1</u> Date: 1975-09-01 GLP/GEP: no, unpublished ...also filed: KCA 4.1.2 /27					
KCA 6.4.1	[REDACTED]	1999	Review of animal metabolism data; maximum estimated dietary concentration for poultry and cattle; rebuttal for further animal feeding studies Ethofumesate Code: AE B049913 [REDACTED] Bayer CropScience, Report No.: C003329, Edition Number: <u>M-185950-01-1</u> GLP/GEP: no, unpublished ...also filed: KCA 6.4.2 /04	Y	N	-	Bayer CropScience	DAR (1998)
KCA 6.4.2	[REDACTED]	1977	RESIDUES IN MILK AND TISSUES FOLLOWING A 28-DAY FEEDING STUDY WITH ETHOFUMESATE IN DAIRY COWS - PART 1 [REDACTED] Bayer CropScience, Report No.: A83024, Edition Number: <u>M-155301-01-1</u> EPA MRID No.: 41214208 Date: 1977-06-01 GLP/GEP: no, unpublished ...also filed: KCA 4.1.2 /25	Y	N	-	Bayer CropScience	DAR (1998)
KCA 6.4.2	[REDACTED]	1977	RESIDUES IN MILK AND TISSUES FOLLOWING A 28-DAY FEEDING STUDY WITH ETHOFUMESATE IN DAIRY COWS - PART 2 [REDACTED] Bayer CropScience, Report No.: A89223, Edition Number: <u>M-164398-01-1</u> Date: 1977-06-01 GLP/GEP: no, unpublished	Y	N	-	Bayer CropScience	DAR (1998)
KCA 6.4.2	[REDACTED]	1994	Ethofumesate-derived residues in the meat and milk of dairy cows: resulting from oral ingestion of ethofumesate [REDACTED] Bayer CropScience, Report No.: B002201, Report includes Trial Nos.: B93R04/05 Edition Number: <u>M-237976-01-1</u> EPA MRID No.: 43458701 Date: 1994-10-12 GLP/GEP: no, unpublished ...also filed: KCA 4.1.2 /29	Y	N	-	Bayer CropScience	DAR (1998)
KCA 6.4.2	[REDACTED]	1999	Review of animal metabolism data; maximum estimated dietary concentration for poultry and cattle; rebuttal for further animal feeding studies Ethofumesate	Y	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Code: AE B049913 [REDACTED] Bayer CropScience, Report No.: C003329, Edition Number: <u>M-185950-01-1</u> GLP/GEP: no, unpublished ...also filed: KCA 6.4.1 /02					
KCA 6.4.2	[REDACTED]	2010	Ethofumesate - Magnitude of the residue in dairy cow [REDACTED] Bayer CropScience, Report No.: RAADP014, Edition Number: <u>M-388797-01-1</u> EPA MRID No.: 48213401 Date: 2010-08-27 GLP/GEP: yes, unpublished ...also filed: KCA 4.1.2 /37	Y	Y	Needed for dietary risk assessment.	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 6.5.1	Miebach, D.; Bongartz, R.	2010	Nature of the residues of ethofumesate in processed commodities - High temperature hydrolysis Bayer CropScience, Report No.: MEF-10/803, Edition Number: <u>M-397800-01-1</u> Date: 2010-12-09 GLP/GEP: yes, unpublished	N	Y	Required according to SANCO/7035/VI/95 rev 5 and SANCO/11802/2010	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 6.5.3	Whiteoak, R. J.; Crofts, M.	1973	CONJUGATED RESIDUES IN FRACTIONS PROCESSED FROM SUGAR BEET TREATED WITH NORTON Fisons plc, United Kingdom Bayer CropScience, Report No.: A82973, Edition Number: <u>M-155250-01-1</u> EPA MRID No.: acc.36368 Date: 1973-05-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.5.3	Crofts, M.; Whiteoak, R. J.	1974	FATE OF THE METABOLITE CONJUGATED NC 9607 DURING PRODUCTION OF SUGAR FROM NORTON TREATED SUGAR BEET Fisons plc, United Kingdom Bayer CropScience, Report No.: A82985, Edition Number: <u>M-155262-01-1</u> EPA MRID No.: acc.36369 Date: 1974-03-01 GLP/GEP: no, unpublished ...also filed: KCA 4.1.2 /10	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.5.3	Crofts, M.; Whiteoak, R. J.	1975	FATE OF THE METABOLITE CONJUGATED NC 9607 DURING PRODUCTION OF SUGAR FROM NORTON TREATED SUGAR BEET - ARTIFICIALLY HIGH RESIDUES IN BEET GROWN AND PROCESSED IN THE UNITED KINGDOM Fisons plc, United Kingdom Bayer CropScience, Report No.: A83002, Edition Number: <u>M-155279-01-1</u> Date: 1975-03-01	N	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 6.5.3	Crofts, M.; Whiteoak, R. J.	1975	GLP/GEP: no, unpublished FATE OF THE METABOLITE CONJUGATED NC 9607 DURING PRODUCTION OF SUGAR FROM NORTRON TREATED SUGAR BEET - ARTIFICIALLY HIGH RESIDUE IN BEET GROWN AND PROCESSED IN W. GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83003, Edition Number: <u>M-155280-01-1</u> Date: 1975-03-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.6.1	Carlton, R.; Cordell, P.	1993	THE UPTAKE AND METABOLISM OF ETHOFUMESATE AND ITS SOIL METABOLITES IN A CONFINED ROTATIONAL CROP STUDY Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83396, Report includes Trial Nos.: 90B Edition Number: <u>M-155664-01-1</u> Date: 1993-06-18 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.6.1	Schneider, E.	1994	PR94/025 - Ethofumesate - Determination of ethofumesate residues in soil of a long time field study after the application of Ethosat (FSG031894) to sugar beet plants Dr. G. Krebs Analytik, Köln, Germany Feinchemie Schwebda, Report No.: <u>M-468487-01-1</u> , Edition Number: <u>M-468487-01-1</u> Date: 1994-08-12 GLP/GEP: yes, unpublished	N	N	-	Adama (former Feinchemie Schwebda)	DAR (1998)
KCA 6.6.1	Chapleo, S.	2003	The uptake of [¹⁴ C]-Ethofumesate residues in soil by rotational crops under confined conditions AgriChem B.V., 22558 Inveresk Research International, Tranent, Scotland GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 6.6.2	Castro, L. E.	1994	ETHOFUMESATE EMULSIFIABLE CONCENTRATE 200 g/l CR 13768: AT-HARVEST RESIDUES OF ETHOFUMESATE AND METABOLITES IN ROTATIONAL CROPS AND SOIL FOLLOWING APPLICATIONS OF NORTRON EC TO SUGARBEETS, USA, 1990 Nor-Am Chemical Company, Pikeville, NC, USA Bayer CropScience, Report No.: A83117,	N	N	-	Bayer CropScience	DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Edition Number: <u>M-155392-01-1</u> EPA MRID No.: 43298104 Date: 1994-05-05 GLP/GEP: yes, unpublished					
KCA 6.6.2	Crofts, M.; Whiteoak, R. J.	1974	RESIDUE ANALYSIS OF WHEAT GROWN IN THE UK AS A FOLLOWING CROP AFTER SUGAR BEET TREATED WITH NORTRON (1973) Fisons plc, United Kingdom Bayer CropScience, Report No.: A82995, Edition Number: <u>M-155272-01-1</u> Date: 1974-11-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.6.2	Crofts, M.; Whiteoak, R. J.	1974	RESIDUE ANALYSIS OF WHEAT AND CORN (MAIZE) GROWN AS FOLLOWING CROPS AFTER SUGAR BEET TREATED WITH NORTRON (1973) Fisons plc, United Kingdom Bayer CropScience, Report No.: A82994, Edition Number: <u>M-155271-01-1</u> Date: 1974-09-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.6.2	Peatman, M. H.; Snowdon, P. J.	1991	RESIDUES OF SOIL AND EMERGENCY CROPS FOLLOWING APPLICATION OF ETHOFUMESATE AS A 50 SC FORMULATION IN THE UK 1990/91 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83376, Report includes Trial Nos.: 041/04/057 Edition Number: <u>M-155644-01-1</u> Date: 1991-12-20 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.6.2	Schulte, G.; Diehl, P.	2013	Amendment No. 1 to Report No: 10-2501 - Determination of the residues of ethofumesate in/on the field rotational crop barley, carrot, lettuce and wheat after spray application of ethofumesate SC 500 on sugar beet and soil in the field, in the Netherlands, Italy, Spain and Germany Bayer CropScience, Report No.: 10-2501, Report includes Trial Nos.: 10-2501-02 10-2501-03 10-2501-04 10-2501-05 Edition Number: <u>M-463906-02-1</u> Date: 2013-08-22 ...Amended: 2013-09-13 GLP/GEP: yes, unpublished	N	Y	data gap in EFSA MRL review	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 6.6.2	Spence, C.	2014	Evaluation of Ethofumesate Herbicide Residues Crop Rotation Study, Cereal, Root and Leafy Vegetable Crops Following Sugar Beet - One Application to Two Trials Initiated in 2012 -	N	Y	New data for active ingredient, not previously	ACM*	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			NEU (the United Kingdom) and SEU (Italy) AgriChem B.V., 697614, 34890 Charles River Laboratories , Edinburgh, UK GLP: yes Published: no			submitted nor evaluated		
KCA 6.7.2	Peatman, M. H.	1999	MRL proposal for peas and beans following a review of available residues data from the EU Ethofumesate AE B049913 AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer CropScience, Report No.: C003327, Edition Number: <u>M-185947-01-1</u> GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	DAR (1998)
KCA 6.10	Wang, P.; Wang, Q.; Jiang, S.; Qiu, J.; Wang, P.; Zhou, Z.	2005	Stereoselective degradation of ethofumesate in turfgrass and soil. Journal: Pestic. Biochem. Physiol., Volume: 82, Issue: 3, Pages: 197-204, Year: 2005, Report No.: <u>M-458577-01-1</u> , Edition Number: <u>M-458577-01-1</u> Date: 2005-12-31 GLP/GEP: no, published ...also filed: KCA 7.1.2.1.1 /14	N	N	-	Public literature	-
KCA 6.10.1	Lückmann, J.	2013	Ethofumesate - exposure of honeybees to residues in nectar, pollen and guttation fluid in sugar and fodder beets United Phosphorus Ltd., P13096 RIFCon GmbH, Hirschberg, Germany GLP/GEP: no Published: no	N	N	-	UPL	Submitted for the purpose of renewal (2014)

* AgriChem B.V. is part of United Phosphorus Ltd since the summer of 2012. Studies performed for Agrichem B.V. are therefore now fully owned by United Phosphorus Ltd

A.8. ENVIRONMENTAL FATE AND BEHAVIOUR

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 7.1.1.1 /01	Adcock, J. W.; Challis, I. R.; Warner, P. A.	1974	THE SOIL DEGRADATION OF RADIOLABELLED NC 8438 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83266, Edition Number: M-155706-02-1 EPA MRID No.: acc.115048 Date: 1974-05-01 ...Amended: 1975-05-01 GLP/GEP: no, unpublished ...also filed: KCA 7.1.1.2 /02 ...also filed: KCA 7.1.2.1.1 /09	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.1.1 /02	Cameron, B. D.; Phillips, M.; Hall, B. E.	1991	DEGRADATION IN SOIL UNDER AEROBIC CONDITIONS 14C Ethofumesate Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A87600, Edition Number: M-161526-01-1 Date: 1991-08-08 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.2.1.1 /08	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.1.1 /03	Waring, A. R.	1992	[14C]-ETHOFUMESATE: AEROBIC METABOLISM IN TWO SOILS AT TWO MOISTURE CONTENTS Hazleton UK; Bayer CropScience, Report No.: A83385, Report includes Trial Nos.: 194/58 89B Edition Number: M-155653-01-1 Date: 1992-07-22 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.2.1.1 /06	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.1.1 /04	Waring, A. R.	1993	AEROBIC METABOLISM IN A STANDARD SOIL (SPEYER 2.2) (14C)- Ethofumesate Hazleton UK, Harrogate, North Yorkshire, United Kingdom Bayer CropScience, Report No.: A83398, Report includes Trial Nos.: 194/59 94B Edition Number: M-155666-01-1 Date: 1993-09-01 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.2.1.1 /07	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.1.1 /05	Fischer, H.	1994	Ethofumesate - Fate and behaviour in soil A&M, Labor fuer Analytik und Metabolismforschung Service GmbH, Koeln, Germany Feinchemie Schwebda, Report No.: OFC00004870, Edition Number: M-352098-01-1 Date: 1994-01-24 GLP/GEP: yes, unpublished	N	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 7.1.1.1 /06	Menke, U.; Telscher, M.	2008	[Phenyl-UL-14C]ethofumesate (AE B049913): Time - dependent sorption in soils Bayer CropScience, Report No.: MEF-08/514, Edition Number: M-313317-01-1	N	Y	New data requirement	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Date: 2008-12-16 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.2.1.1 /13 ...also filed: KCA 7.1.3.2 /01					
KCA 7.1.1.1 /01	McLaughlin, S.P.	2012	[14C]ETHOFUMESATE - AEROBIC RATE OF DEGRADATION IN SOIL United Phosphorus Ltd., 13845.6130 Smithers Viscient, Massachusetts, USA GLP: yes Published: no	N	Y	New data requirement	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.1.1 /02	Hein, W.	2012	14C-ETHOFUMESATE: AEROBIC DEGRADATION IN NINE EUROPEAN SOILS AT 20 °C IN THE DARK United Phosphorus Ltd., AS231 RLP AgroScience GmbH GLP: yes Published: no	N	Y	New data requirement	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.1.2 /01	Waring, A. R.	1992	ANAEROBIC SOIL METABOLISM (14C)-Ethofumesate Hazleton UK, Harrogate, North Yorkshire, United Kingdom Bayer CropScience, Report No.: A83390, Report includes Trial Nos.: 194/60 93B Edition Number: M-155658-01-1 Date: 1992-07-22 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.2.1.3 /01	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.1.2 /02	Adcock, J. W.; Challis, I. R.; Warner, P. A.	1974	THE SOIL DEGRADATION OF RADIOLABELLED NC 8438 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83266, Edition Number: M-155706-02-1 EPA MRID No.: acc.115048 Date: 1974-05-01 ...Amended: 1975-05-01 GLP/GEP: no, unpublished ...also filed: KCA 7.1.1.1 /01 ...also filed: KCA 7.1.2.1.1 /09	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.1.3 /01	Brehm, M.	1989	THE PHOTODEGRADATION OF ETHOFUMESATE (SCHERING CODE NO. ZK 49913) ON SOIL SURFACES Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83341, Report includes Trial Nos.: 87/216 Edition Number: M-155610-01-1 Date: 1989-02-09 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.1.3 /02	Burni, R.	1995	PHOTODEGRADATION STUDY OF 14C-ETHOFUMESATE IN SOIL RCC Umweltchemie AG, Itingen, Switzerland Bayer CropScience, Report No.: A87626, Edition Number: M-161570-01-1 Date: 1995-01-24 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.1.3	Stupp, H. P.; Weuthen, M.	2013	[Phenyl-UL-14C]Ethofumesate: Phototransformation on	N	Y	Required due to	Bayer CropSc	Submitted for the

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
/03			soil Bayer CropScience, Report No.: EnSa-12-0221, Edition Number: M-455051-01-1 Date: 2013-05-23 GLP/GEP: yes, unpublished			deficiencies of previous study and inconsistent results	ience	purpose of renewal (2014)
KCA 7.1.1.1 /01	Hennecke, D.	2003	SOIL PHOTOLYSIS OF ETHOFUMESATE United Phosphorus Ltd., GAB-002/7-06 Fraunhofer Institute for Molecular Biology and Applied Ecology (IME), Schmallenberg, Germany GLP: yes Published: no	N	Y	Required due to deficiencies of previous study and inconsistent results	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1.1 /01	Adcock, J. W.; Challis, I. R.; Pearce, J. C.	1975	THE DEGRADATION OF 14C-NC 8438 IN A SANDY LOAM SOIL FROM COLORADO USA Fisons plc, United Kingdom Bayer CropScience, Report No.: A83269, Edition Number: M-155538-01-1 EPA MRID No.: acc.115049 Date: 1975-08-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /02	Harris, R. J.; Whiteoak, R. J.	1977	LABORATORY STUDY TO COMPARE THE RESIDUE DECLINE OF ETHOFUMESATE AND ATRAZINE (APPLIED SEPARATELY OR TOGETHER) IN TWO SOIL TYPES Fisons plc, United Kingdom Bayer CropScience, Report No.: A83304, Edition Number: M-155573-01-1 Date: 1977-07-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /05	Harris, R. J.; Reary, J. B.	1980	LABORATORY STUDY TO COMPARE THE RESIDUE DECLINE OF ETHOFUMESATE, PEBULATE AND CYCLOATE (APPLIED SEPARATELY OR TOGETHER) IN TWO SOIL TYPES Fisons plc, United Kingdom Bayer CropScience, Report No.: A83310, Edition Number: M-155579-01-1 EPA MRID No.: 00084998 Date: 1980-07-16 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /06	Waring, A. R.	1992	[14C]-ETHOFUMESATE: AEROBIC METABOLISM IN TWO SOILS AT TWO MOISTURE CONTENTS Hazleton UK; Bayer CropScience, Report No.: A83385, Report includes Trial Nos.: 194/58 89B Edition Number: M-155653-01-1 Date: 1992-07-22 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.1.1 /03	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /07	Waring, A. R.	1993	AEROBIC METABOLISM IN A STANDARD SOIL (SPEYER 2.2) (14C)-Ethofumesate Hazleton UK, Harrogate, North Yorkshire, United Kingdom Bayer CropScience, Report No.: A83398,	N	N	-	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report includes Trial Nos.: 194/59 94B Edition Number: M-155666-01-1 Date: 1993-09-01 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.1.1 /04					
KCA 7.1.2.1.1 /08	Cameron, B. D.; Phillips, M.; Hall, B. E.	1991	DEGRADATION IN SOIL UNDER AEROBIC CONDITIONS 14C Ethofumesate Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A87600, Edition Number: M-161526-01-1 Date: 1991-08-08 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.1.1 /02	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /09	Adcock, J. W.; Challis, I. R.; Warner, P. A.	1974	THE SOIL DEGRADATION OF RADIOLABELLED NC 8438 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83266, Edition Number: M-155706-02-1 EPA MRID No.: acc.115048 Date: 1974-05-01 ...Amended: 1975-05-01 GLP/GEP: no, unpublished ...also filed: KCA 7.1.1.1 /01 ...also filed: KCA 7.1.1.2 /02	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /10	Harris, R. J.	1976	LABORATORY STUDY TO COMPARE THE RESIDUE DECLINE OF NC 8438 AND TRICHLOROACETIC ACID (APPLIED SEPARATELY OR TOGETHER) IN TWO SOIL TYPES Fisons plc, United Kingdom Bayer CropScience, Report No.: A83301, Edition Number: M-155570-01-1 Date: 1976-02-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /11	Harris, R. J.	1976	LABORATORY STUDY TO COMPARE THE RESIDUE DECLINE OF NC 8438 AND PYRAZONE (APPLIED SEPARATELY OR TOGETHER) IN TWO SOIL TYPES Fisons plc, United Kingdom Bayer CropScience, Report No.: A83302, Edition Number: M-155571-01-1 Date: 1976-02-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /12	Harris, R. J.; Whiteoak, R. J.	1975	ADDITIONAL LABORATORY STUDY OF THE DEGRADATION OF NC 8438 IN TWO STANDARD SOILS FROM W. GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83299, Edition Number: M-155568-01-1 Date: 1975-09-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.1.1 /13	Menke, U.; Telscher, M.	2008	[Phenyl-UL-14C]ethofumesate (AE B049913): Time - dependent sorption in soils Bayer CropScience, Report No.: MEF-08/514, Edition Number: M-313317-01-1 Date: 2008-12-16	N	Y	New data requirement	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP/GEP: yes, unpublished ...also filed: KCA 7.1.1.1 /06 ...also filed: KCA 7.1.3.2 /01					
KCA 7.1.2.1. 1 /14	Wang, P.; Wang, Q.; Jiang, S.; Qiu, J.; Wang, P.; Zhou, Z.	2005	Stereoselective degradation of ethofumesate in turfgrass and soil. Journal:Pestic. Biochem. Physiol., Volume:82, Issue:3, Pages:197-204, Year:2005, Report No.: M-458577-01-1, Edition Number: M-458577-01-1 Date: 2005-12-31 GLP/GEP: no, published ...also filed: KCA 6.10 /01	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1. 1 /15	Ruiz-Romera, E.; Munoz-Leoz, B.; Garbisu, C.; Antigueedad, I.	2012	Fertilization can modify the non-target effects of pesticides on soil microbial communities. Journal:Soil Biol. Biochem., Pages:125-134, Year:2012, Report No.: M-458656-01-1, Edition Number: M-458656-01-1 Date: 2012-12-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1. 1 /16	Ruiz-Romera, E.; Antigueedad, I.; Garbisu, C.; Munoz-Leoz, B.; Charcosset, J.; Sanchez-Perez, J.	2013	Non-target effects of three formulated pesticides on microbially-mediated processes in a clay-loam soil. Journal:Sci. Total Environ., Volume:449, Pages:345-354, Year:2013, Report No.: M-462303-01-1, Edition Number: M-462303-01-1 Date: 2013-05-14 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1. 1 /17	Sadowski, J.; Kucharski, M.	2012	Influence of soil humidity on herbicide degradation - laboratory tests. Wpływ wilgotności gleby na rozkład herbicydu - badania laboratoryjne. Journal:Progress in Plant Protection, Volume:46, Issue:2, Pages:750-753, Year:2006, Report No.: M-459319-01-1, Edition Number: M-459319-01-1 Date: 2012-10-08 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1. 1 /18	Kucharski, M.; Sadowski, J.	2009	Degradation of ethofumesate in soil under laboratory conditions. Journal:Pol. J. Environ. Stud., Volume:18, Issue:2, Pages:243-247, Year:2009, Report No.: M-458624-01-1, Edition Number: M-458624-01-1 Date: 2009-12-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1. 2 /01	Traub, M.	2011	AE C508493 (ethofumesate-2-hydroxy): Aerobic degradation in four European soils Eurofins Agrosience Services EcoChem GmbH, Niefem-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-00957, Edition Number: M-431094-01-1 Date: 2011-11-30	N	Y	Required since a metabolite in new photolysis study.	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP/GEP: yes, unpublished					
KCA 7.1.2.1.2 /02	Traub, M.	2012	AE C509607: Aerobic degradation in four European soils Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-00958, Edition Number: M-431784-01-1 Date: 2012-04-17 GLP/GEP: yes, unpublished	N	Y	Metabolite not exceeding 5% AR in soil but potentially required to assess the behaviour in soil of succeeding metabolite NC20645	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1.2 /03	Traub, M.	2012	Ethofumesate-carboxylic acid (as potassium salt: AE C639175): Aerobic degradation in four European soils Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-03264, Edition Number: M-432551-01-1 Date: 2012-05-22 GLP/GEP: yes, unpublished	N	Y	Required according to new metabolite identification triggers.	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1.2/01	Malekani, K.	2013	NC8493 (A METABOLITE OF ETHOFUMESATE) - AEROBIC RATE OF DEGRADATION IN THREE SOILS United Phosphorus Ltd., 13845.6134 Smithers Viscient, Massachusetts, USA GLP: yes Published: no	N	Y	Required since a metabolite in new photolysis study.	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.2.1.3 /01	Waring, A. R.	1992	ANAEROBIC SOIL METABOLISM (14C)-Ethofumesate Hazleton UK, Harrogate, North Yorkshire, United Kingdom Bayer CropScience, Report No.: A83390, Report includes Trial Nos.: 194/60 93B Edition Number: M-155658-01-1 Date: 1992-07-22 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.1.2 /01	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2.1 /01	Straszewski, A.	1990	DISSIPATION OF ETHOFUMESATE IN SOIL FOLLOWING TREATMENT OF A WP CO-FORMULATION WITH PHENMEDIPHAM IN THE FEDERAL REPUBLIC OF GERMANY. ADDENDUM (DEUTSCHE ZUSAMMENFASSUNG) Schering AG, Berlin, Germany Bayer CropScience, Report No.: A89473, Edition Number: M-164840-01-1 Date: 1990-11-20 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2.1 /02	Straszewski, A.	1990	DISSIPATION OF ETHOFUMESATE IN SOIL FOLLOWING TREATMENT OF A WP CO-FORMULATION WITH PHENMEDIPHAM IN THE FEDERAL REPUBLIC OF GERMANY. ADDENDUM (DEUTSCHE ZUSAMMENFASSUNG) Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83362,	N	N	-	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report includes Trial Nos.: PF-R 89 098 Edition Number: M-155631-01-1 Date: 1990-11-20 GLP/GEP: no, unpublished					
KCA 7.1.2.2.1 /03	Castro, L. E.	1991	DISSIPATION OF ETHOFUMESATE IN SOIL FOLLOWING USE OF NORTON EC IN SUGAR BEET CULTIVATION USA 1989 Nor-Am Chemical Company, Pikeville, NC, USA Bayer CropScience, Report No.: A83366, Edition Number: M-155634-02-1 EPA MRID No.: 41997205 Date: 1991-03-05 ...Amended: 1991-08-23 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2.1 /04	Snowdon, P. J.	1991	DECLINE OF ETHOFUMESATE RESIDUES IN SOIL FOLLOWING APPLICATION WITH A 50 SC FORMULATION IN THE FEDERAL REPUBLIC OF GERMANY 1988/89 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83344, Report includes Trial Nos.: 041/04/053 Edition Number: M-155613-01-1 Date: 1991-09-02 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2.1 /05	Snowdon, P. J.	1991	DECLINE OF ETHOFUMESATE RESIDUES IN SOIL FOLLOWING APPLICATION WITH A 50 SC FORMULATION IN THE UK 1990/91 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83357, Report includes Trial Nos.: 041/04/056 Edition Number: M-155626-01-1 Date: 1991-10-25 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2.1 /06	Moede, J.	1992	DISSIPATION OF ETHOFUMESATE IN SOIL FOLLOWING TREATMENT OF AN EC CO-FORMULATION WITH PHENMEDIPHAM AND DESMEDIPHAM IN THE FEDERAL REPUBLIC OF GERMANY 1990 Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83378, Report includes Trial Nos.: PF-R 91 076 Edition Number: M-155646-01-1 Date: 1992-01-13 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2.1 /07	Aldag, R.	1992	TESTS ON THE DEGRADATION OF ETHOFUMESATE IN THE TOPSOIL UNDER FIELD CONDITIONS AT FOUR DIFFERENT LOCATIONS. Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87554, Edition Number: M-161457-01-1 Date: 1992-11-10 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
7.1.2.2.1 /08	Whiteoak, R. J.; Crofts, M.	1973	DECLINE OF NC 8438 RESIDUES IN SOIL AND END-SEASON SOIL	N	N	-	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			RESIDUES FROM FRENCH TRIALS (BY PRELIMINARY METHOD) Fisons plc, United Kingdom Bayer CropScience, Report No.: A83287, Edition Number: M-155556-01-1 Date: 1973-10-01 GLP/GEP: no, unpublished				ience	
KCA 7.1.2.2. 1 /09	Crofts, M.; Whiteoak, R. J.	1974	DECLINE OF NORTRON RESIDUES IN SOIL IN COLORADO AND MICHIGAN (USA) IN 1972 Fisons plc, United Kingdom Bayer CropScience, Report No.: A83288, Edition Number: M-155557-01-1 Date: 1974-03-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2. 1 /10	Crofts, M.; Whiteoak, R. J.	1974	HARVEST RESIDUES IN SUGAR BEET AND SOIL FROM 1973 POST-EMERGENCE APPLICATIONS OF NORTRON (TRAMAT) IN ITALY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83290, Edition Number: M-155559-01-1 Date: 1974-12-01 GLP/GEP: no, unpublished ...also filed: KCA 6.3.5 /22	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2. 1 /11	Whiteoak, R. J.	1975	DECLINE OF SOIL RESIDUES AFTER PRE- EMERGENCE APPLICATION OF NORTRON TO SUGAR BEET IN THREE REGIONS OF USA Fisons plc, United Kingdom Bayer CropScience, Report No.: A83298, Edition Number: M-155567-01-1 Date: 1975-09-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2. 1 /12	Crofts, M.; Whiteoak, R. J.	1977	DECLINE OF SOIL RESIDUES IN A UK FIELD AFTER APPLICATION OF NORTRON IN FOUR SUCCESSIVE YEARS Fisons plc, United Kingdom Bayer CropScience, Report No.: A83297, Edition Number: M-155566-01-1 Date: 1977-08-01 GLP/GEP: no, unpublished ...also filed: KCA 7.1.2.2.2 /01	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2. 1 /13	Crofts, M.; Whiteoak, R. J.	1974	SOIL RESIDUES AT HARVEST FOLLOWING PRE- EMERGENCE APPLICATION OF NORTRON (TRAMAT) IN 1973 TO SUGAR BEET IN ITALY Fisons plc, United Kingdom Bayer CropScience, Report No.: A82991, Edition Number: M-155268-01-1 Date: 1974-06-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.2.2. 1 /14	Aldag, R.; Andre, W.	1993	TESTS ON THE DEGRADATION OF ETHOFUMESATE IN THE TOPSOIL UNDER FIELD CONDITIONS AT 4 DIFFERENT LOCATIONS Kemira Agro Oy, Helsinki, FIN; Bayer CropScience, Report No.: A87604, Edition Number: M-161533-01-1 Date: 1993-01-01	N	N	-	Bayer CropScience	In DAR (1998)

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			GLP/GEP: no, unpublished					
KCA 7.1.2.2. 1 /15	Schmitt, W.	2008	Kinetic evaluation of the soil dissipation of ethofumesate under field conditions Bayer CropScience, Report No.: MEF-08/334, Edition Number: M-305786-01-1 Date: 2008-08-13 GLP/GEP: no, unpublished	N	Y	Needed for risk assessment	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.1.2.2. 1 /16	Schmitt, W.	2013	Kinetic evaluation of the soil dissipation of ethofumesate under field conditions (re-evaluation according to EFSA guidance 2010) Bayer CropScience, Report No.: EnSa-13-0274, Edition Number: M-455136-01-1 Date: 2013-05-29 GLP/GEP: no, unpublished	N	Y	Re-evaluation according to EFSA Guidance 2010	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.1.2. 2.1/0 1	Andrews, G.	20 14	ETHOFUMESATE: FIELD DISSIPATION STUDIES IN NORTHERN AND SOUTHERN EUROPE United Phosphorus Ltd., NZ/11/007 Battelle UK LTD. GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.2. 2.1/0 2	Seibert, K.	20 12	DETERMINATION OF SOIL CHARACTERISTICS United Phosphorus Ltd., BP 10/12 LUFÄ, Speyer, Germany GLP/GEP: no Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.2. 2.1/0 3	Stangelj, A.	20 14a	KINETIC EVALUATION OF SOIL DISSIPATION STUDIES WITH ETHOFUMESATE ACCORDING TO RECOMMENDATIONS OF THE WORK GROUP ON DEGRADATION KINETICS OF FOCUS United Phosphorus Ltd., 210790-CA-0701020201-01 GAB Consulting GmbH, Lamstedt, Germany GLP/GEP: no Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.2.2. 1 /17	Siimes, K.; Nikunen, U.; Laitinen, P.; Ramo, S.; Welling, L.	2006	Comparison of the behaviour of three herbicides in a field experiment under bare soil conditions. Year:2006, Report No.: M-458582-01-1, Edition Number: M-458582-01-1 Date: 2006-12-31 GLP/GEP: no, published	N	Y	Needed for risk assessment	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 7.1.2.2. 2 /01	Crofts, M.; Whiteoak, R. J.	1977	DECLINE OF SOIL RESIDUES IN A UK FIELD AFTER APPLICATION OF NORTON IN FOUR SUCCESSIVE YEARS Fisons plc, United Kingdom Bayer CropScience, Report No.: A83297, Edition Number: M-155566-01-1 Date: 1977-08-01 GLP/GEP: no, unpublished ...also filed: KCA 7.1.2.2.1 /12	N	N		Bayer CropScience	In DAR (1998)
KCA 7.1.2.2. 2 /02	Snowdon, P. J.	1986	THE ACCUMULATION OF RESIDUES IN SOIL FOLLOWING ANNUAL APPLICATIONS OF ETHOFUMESATE	N	N		Bayer CropScience	In DAR (1998)

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			(20 EC) AT SHELFORD AND CHESTERFORD PARK, UK, BETWEEN 1980 AND 1983 FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report No.: A83315, Report includes Trial Nos.: 041/04/042 Edition Number: M-155584-01-1 Date: 1986-02-10 GLP/GEP: no, unpublished					
KCA 7.1.3.1. 1 /01	Muellert, J.	1990	Determination of adsorption/desorption for ethofumesate Fraunhofer Institut fuer Umweltchemie und Oekotoxikologie, Schmallenberg, Germany Feinchemie Schwebda , Report No.: OFC00004873, Edition Number: M-352102-01-1 Date: 1990-08-27 GLP/GEP: yes, unpublished	N	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 7.1.3.1. 1 /02	Bruhl, R.	1984	THE ADSORPTION AND DESORPTION OF ETHOFUMESATE IN SOIL. Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83285, Edition Number: M-155554-01-1 Date: 1984-10-23 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.3.1. 1 /03	Allen, R.	1988	[14C]-ETHOFUMESATE: ADSORPTION/DESORPTION IN SOIL Hazleton UK; Bayer CropScience, Report No.: A83336, Report includes Trial Nos.: 194/18 64b Edition Number: M-155605-01-1 Date: 1988-01-14 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.3.1. 1 /04	Cameron, B. D.; Mackie, J. A.; Hall, B. E.	1991	ADSORPTION/DESORPTION IN SOIL 14C-Ethofumesate Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A87601, Edition Number: M-161528-01-1 Date: 1991-10-10 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.3.1. 1 /05	Hoven, A.; Vonk, J. W.	1988	ADSORPTION OF ETHOFUMESATE TO DITCH-BOTTOM SEDIMENT TNO, Delft, NLD; Bayer CropScience, Report No.: A87606, Edition Number: M-161536-01-1 Date: 1988-07-28 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.3.1. 1 /06	Cameron, B. D.; Mackie, J. A.; Hall, B. E.	1991	Aged soil leaching 14C Ethofumesate Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A87602, Edition Number: M-161529-01-1 Date: 1991-06-12 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.3.1.	Eronen, L.; Oinonen, S.;	2004	Adsorption of sugar beet herbicides to Finnish soils.	N	N	-	LIT	Submitted for the

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1 /07	Laitinen, P.; Autio, S.; Ramo, S.; Siimes, K.		Journal:Chemosphere, Volume:55, Issue:2, Pages:215-226, Year:2004, Report No.: M-458570-01-1, Edition Number: M-458570-01-1 Date: 2004-12-31 GLP/GEP: no, published					purpose of renewal (2014)
KCA 7.1.3.1.1/01	Hellstern, J.	2007	ADSORPTION/DESORPTION OF 14C-ETHOFUMESATE ON SOIL - ADVANCED TEST AgriChem B.V., B01912 RCC Ltd. GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM	Submitted for the purpose of renewal (2014)
KCA 7.1.3.1.2 /01	Hein, W.; Moendel, M.; D'Ambrosio, A.	2011	[phenyl-UL-14C] AE C508493: Adsorption/desorption in five different soils RLP AgroScience GmbH, Neustadt a. d. Weinstraße, Germany Bayer CropScience, Report No.: AS201, Edition Number: M-431772-01-1 Date: 2011-12-22 GLP/GEP: yes, unpublished	N	Y	Required according to new metabolite identification triggers.	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 7.1.3.1.2 /02	Moendel, M.; D'Ambrosio, A.	2012	[phenyl-UL-14C] AE C509607: Adsorption/desorption in five different soils RLP AgroScience GmbH, Neustadt a. d. Weinstraße, Germany BCS, Report No.: AS202, Edition Number: M-446351-01-1 Date: 2012-07-19 GLP/GEP: yes, unpublished	N	Y	Metabolite not exceeding 5% AR in soil but required to assess the behaviour in soil of succeeding metabolite ETO-carboxylic acid	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.1.3.1.2 /03	Moendel, M.; D'Ambrosio, A.	2012	[phenyl-UL-14C] AE C639175: Adsorption/desorption in five different soils RLP AgroScience GmbH, Neustadt a. d. Weinstraße, Germany Bayer CropScience, Report No.: AS204, Edition Number: M-446350-01-1 Date: 2012-06-25 GLP/GEP: yes, unpublished	N	Y	Required according to new metabolite identification triggers.	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.1.3.2 /01	Menke, U.; Telscher, M.	2008	[Phenyl-UL-14C]ethofumesate (AE B049913): Time - dependent sorption in soils Bayer CropScience, Report No.: MEF-08/514, Edition Number: M-313317-01-1 Date: 2008-12-16 GLP/GEP: yes, unpublished ...also filed: KCA 7.1.1.1 /06 ...also filed: KCA 7.1.2.1.1 /13	N	Y	Investigation of increase of sorption behavior (aged sorption) in soil, metabolism and degradation rate, study considered as necessary to re-evaluate leaching and metabolism using fresh soils.	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)

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KCA 7.1.4.1. 1 /01	Burgener, A.	1995	KEMIFAM PRO FL: SOIL LEACHING IN THREE SOILS, SPONSOR: KEMIRA RCC, Research and Consulting Company Ltd., Switzerland Bayer CropScience, Report No.: A62937, Edition Number: M-146411-01-1 Date: 1995-01-27 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In DAR (1998)
KCA 7.1.4.1. 1 /02	Andre, W.	1991	LEACHING OF PHENMEDIPHAM AND ETHOFUMESATE AS ACTIVE INGREDIENTS IN A FORMULATION WITH THE TRADE NAME BETANAL TANDEM WP, IN AN EXPERIMENT ACCORDING TO GUIDELINE IV 4-2 OF THE GERMAN BBA LUFÄ Speyer, Speyer, Germany Bayer CropScience, Report No.: A62598, Edition Number: M-146075-01-1 Date: 1991-01-15 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.1. 1 /03	Reary, J. B.	1981	LABORATORY LEACHING OF ETHOFUMESATE FROM A ONE-PACK WETTABLE POWDER FORMULATION (CR 14381) WITH LENACIL IN THREE STANDARD SOILS FROM WEST GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83312, Edition Number: M-155581-01-1 Date: 1981-01-15 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.1. 1 /04	Harris, R. J.	1975	SOIL PERCOLATION EXPERIMENTS WITH NORTON (TRAMAT) IN SPEYER STANDARD SOILS FROM W. GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83291, Edition Number: M-155560-01-1 Date: 1975-01-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.1. 1 /05	Adcock, J. W.; Pearce, J.C.	1975	THE LEACHING OF 14C-NC 8438 IN FOUR SOIL TYPES Fisons plc, United Kingdom Bayer CropScience, Report No.: A83270, Edition Number: M-155539-01-1 Date: 1975-08-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.1. 1 /06	Adcock, J. W.; Warner, P. A.	1974	SOIL LEACHING OF NC 8438 AND METABOLITES Fisons plc, United Kingdom Bayer CropScience, Report No.: A83268, Edition Number: M-155537-01-1 Date: 1974-11-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.1. 1 /07	Adcock, J. W.; Challis, I. R.; Warner, P. A.	1974	SOIL LEACHING OF RADIOLABELLED NC 8438. Summary Hazleton Laboratories Europe; Bayer CropScience, Report No.: A83265, Edition Number: M-155536-01-1 Date: 1974-02-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA	Drake, C. H.;	1977	THE LEACHING OF 14C-	N	N	-	Bayer	In DAR

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7.1.4.1.1 /08	Hemmings, P. A.; Fordham, L.; Adcock, J. W.		ETHOFUMESATE AND ITS BOUND RESIDUE IN CLAY SOIL FROM THE NETHERLANDS Fisons plc, United Kingdom Bayer CropScience, Report No.: A83274, Edition Number: M-155543-01-1 Date: 1977-12-01 GLP/GEP: no, unpublished				CropScience	(1998)
KCA 7.1.4.1.1 /09	Harris, R. J.	1978	THE LEACHING OF ETHOFUMESATE FROM EC AND SC FORMULATION OF NORTON (TRAMAT) IN THREE STANDARD SOILS FROM W. GERMANY Fisons plc, United Kingdom Bayer CropScience, Report No.: A83307, Edition Number: M-155576-01-1 Date: 1978-10-05 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.1.2 /01	Mackie, J. A.; Hall, B. E.	1992	AGED SOIL LEACHING OF [14C]-ETHOFUMESATE Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A83391, Report includes Trial Nos.: 95B Edition Number: M-155659-01-1 Date: 1992-08-04 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.2 /01	Allen, R.; MacKenzie, E.; Hibbert, L.; Lander, G.	1995	ETHOFUMESATE SC 50% W/V CR 19035/1 and CR 18654/1 LEACHING IN SOIL LYSIMETERS MAINTAINED UNDER OUTDOOR CONDITIONS Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A89221, Report includes Trial Nos.: ENVIR/97B Edition Number: M-164392-01-1 Date: 1995-03-31 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.2 /02	Burgener, A.	1994	MOBILITY AND DEGRADATION IN SOIL IN OUTDOOR LYSIMETER 14C-Ethofumesate RCC Umweltchemie AG, Itingen, Switzerland Bayer CropScience, Report No.: A87603, Edition Number: M-161530-01-1 Date: 1994-11-01 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.2 /03	Burgener, A.	1997	Report amendment to 14C-ethofumesate: Mobility and Degradation in soil in outdoor lysimeters RCC Umweltchemie AG, Itingen, Switzerland Bayer CropScience, Report No.: A91247, Report includes Trial Nos.: ENVIR/113B Edition Number: M-167946-02-1 Date: 1997-07-25 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.1.4.2 /04	Stupp, H. P.; Junge, T.	2013	[Phenyl-UL-14C]ethofumesate: Investigation of metabolites previously detected in lysimeter leachates by an	N	Y	Required to assess the unidentified	Task Force Ethofu	Submitted for the purpose of

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			outdoor experiment with three EU soils Bayer CropScience, Report No.: EnSa-13-0234, Edition Number: M-461417-01-1 Date: 2013-08-01 GLP/GEP: yes, unpublished			Peak A detected in previous lysimeter studies	mesate	renewal (2014)
KCA 7.1.4. 2/01	Parsons, R.	20 03a	14C-ETHOFUMESATE AND 2-OXO-ETHOFUMESATE: MOBILITY AND DEGRADATION IN SOIL IN FIELD LYSIMETERS United Phosphorus Ltd., ACE01-012 Agrochemical Experimentation Ltd. Essex, UK GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.4. 2/02	Parsons, R.	20 03 b	14C-ETHOFUMESATE AND 2-OXO-ETHOFUMESATE: MOBILITY AND DEGRADATION IN SOIL IN FIELD LYSIMETERS. FINAL ANALYTICAL REPORT United Phosphorus Ltd., ACE-01-012 Agrochemical Experimentation Ltd. Essex, UK GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 7.1.4. 2/03	Diehl, M.	20 05	ETHOFUMESATE: MOBILITY AND DEGRADATION IN SOIL IN OUTDOOR LYSIMETERS AgriChem B.V., 836695 RCC Ltd. GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM *	Submitted for the purpose of renewal (2014)
KCA 7.1.4. 2/04	Diehl, M.	20 06	ETHOFUMESATE: MOBILITY AND DEGRADATION IN SOIL IN OUTDOOR LYSIMETERS (SECOND AMENDMENT) AgriChem B.V., October 2006, 836695 RCC Ltd. GLP/GEP: no Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM *	Submitted for the purpose of renewal (2014)
KCA 7.2.1.1 /01	Brown, P. M.; Reary, J. B.; Whiteoak, R. J.	1978	THE HYDROLYSIS OF ETHOFUMESATE UNDER ACIDIC, NEUTRAL AND BASIC CONDITIONS Fisons plc, United Kingdom Bayer CropScience, Report No.: A83306, Edition Number: M-155575-01-1 Date: 1978-02-20 GLP/GEP: no, unpublished ...also filed: KCA 2.8 /02	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.1.1 /02	van Buijsen, H. J.J.	1989	Biodegradation of ethofumesate in ditch water according to a modified Sturm test (OECD 301B) Institute of Environmental Sciences TNO, 2628 VK Delft, The Netherlands Report No.: M-468473-01-1, Edition Number: M-468473-01-1 Date: 1989-01-20 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA	Macdonald,	20	ETHOFUMESATE DETERMINATION	no	yes	New data	ACM	Submitted

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
7.2.1.1/01	E., Craig, W.B.	02	OF THE PHYSICO-CHEMICAL PROPERTIES OF ETHOFUMESATE AgriChem B.V., 21131 Inveresk Research International, Tranent, Scotland GLP: yes Published: no			for active ingredient, not previously submitted nor evaluated	*	for the purpose of renewal (2014)
KCA 7.2.1.2 /01	Brehm, M.	1989	THE PHOTOLYSIS OF ETHOFUMESATE (SCHERING CODE NO. ZK 49913) IN AQUEOUS SOLUTION Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83339, Edition Number: M-155608-01-1 EPA MRID No.: 42200901 Date: 1989-01-13 GLP/GEP: yes, unpublished ...also filed: KCA 2.8 /05	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.1.2 /02	Knoch, E.	1994	DETERMINATION OF THE DIRECT PHOTOTRANSFORMATION OF 14C-ETHOFUMESATE IN A BUFFERED MEDIUM AT PH4 RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany Bayer CropScience, Report No.: A87609, Edition Number: M-161541-01-1 Date: 1994-09-01 GLP/GEP: yes, unpublished ...also filed: KCA 2.8 /04	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.1.2 /03	Howarth, R.; Tremain, S. P.; Bartlett, A. J.	1991	TECHNICAL ETHOFUMESATE: DETERMINATION OF PHYSICO-CHEMICAL PROPERTIES Safepharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: A87526, Report includes Trial Nos.: 245/25 Edition Number: M-161417-01-1 Date: 1991-01-07 GLP/GEP: yes, unpublished ...also filed: KCA 2.1 /02 ...also filed: KCA 2.2 /02 ...also filed: KCA 2.5 /03 ...also filed: KCA 2.7 /02 ...also filed: KCA 2.8 /03	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.1.2 /04	Keirs, D. C.	2000	Aqueous photolysis (14C)-ethofumesate Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: C009667, Edition Number: M-199018-01-1 EPA MRID No.: 46157901 Date: 2000-09-13 GLP/GEP: yes, unpublished ...also filed: KCA 2.8 /01	N	N	-	Bayer CropScience	In DAR (1998)
7.2.1.2 /05	Schneider, E.	1994	PR94/023 - Ethofumesate - Direct phototransformation in water Dr. Krebs Analytik, Köln, Germany TF- Ethofumesate, Report No.: M-468470-01-1, Edition Number: M-468470-01-1 Date: 1994-05-09 GLP/GEP: yes, unpublished	N	N	-	Adama (former Feinchemie Schwaboda)	In DAR (1998)
KCA	Weuthen, M.;	2013	[Phenyl-UL-14C]Ethofumesate:	N	Y	Required due	Task	Submitted

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
7.2.1.2 /06	Stupp, H. P.		Phototransformation in water Bayer CropScience, Report No.: EnSa-12-0228, Edition Number: M-453458-01-1 Date: 2013-04-19 GLP/GEP: yes, unpublished			to not identified transformation products in Previous study (up to 50% AR)	Force Ethofumesate	for the purpose of renewal (2014)
KCA 7.2.1.2 /07	Hellpointner, E.	2013	Ethofumesate: Assessment of the environmental half-life of the direct photodegradation in water Bayer CropScience, Report No.: EnSa-13-0355, Edition Number: M-461408-01-1 Date: 2013-08-06 GLP/GEP: yes, unpublished ...also filed: KCA 2.4 /11	N	Y	Theoretical estimation of half-life in aqueous photolysis	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.2.1.2 /01	Peizhi, L.	2013	PHOTODEGRADATION OF [14C]ETHOFUMESATE IN WATER, BASED ON THE OECD 316 DIRECT PHOTOLYSIS GUIDELINE TIER II - GENERATION AND CHARACTERIZATION OF PHOTOPRODUCTS United Phosphorus Ltd., 13845.6132 Smithers Viscient, Massachusetts, USA GLP: yes Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 7.2.1.3 /01	Roohi, A.; Doble, M.	2004	Aqueous Photolysis in Natural Water [14C]-Ethofumesate Battelle AgriFood Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C036311, Report includes Trial Nos.: MEADX003 Edition Number: M-220409-01-1 Date: 2004-09-03 GLP/GEP: yes, unpublished	N	Y	New data requirement	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 7.2.2.1 /01	Bogers, M.	1993	READY BIODEGRADABILITY: 28 DAYS CLOSED BOTTLE TEST WITH ETHOFUMESATE RCC Notox B.V., s'Hertogenbosch, Netherlands Bayer CropScience, Report No.: A87607, Edition Number: M-161538-01-1 Date: 1993-03-31 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.2.1 /02	Wuethrich, V.	1993	DETERMINATION OF BIOCHEMICAL AND CHEMICAL OXYGEN DEMAND OF ETHOFUMESATE DISPERSED IN WATER RCC Umweltchemie AG, Itingen, Switzerland Bayer CropScience, Report No.: A87608, Edition Number: M-161539-01-1 Date: 1993-04-28 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.2.1 /03	Douglas, M. T.; Sewell, I. G.	1989	ASSESSMENT OF READY BIODEGRADABILITY OF ETHOFUMESATE Huntingdon Research Centre Ltd., Huntingdon, United Kingdom Bayer CropScience, Report No.: A83351,	N	N	-	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report includes Trial Nos.: 80B Edition Number: M-155620-01-1 Date: 1989-10-17 GLP/GEP: yes, unpublished					
KCA 7.2.2.1 /04	Doebbler, G. F.	1978	INVESTIGATION OF THE METABOLISM OF THE COMPOUND ETHOFUMESATE (NC 8438 NORTON) BY ACTIVATED SLUDGE Union Carbide Corporation, USA Bayer CropScience, Report No.: A83276, Edition Number: M-155545-01-1 Date: 1978-10-16 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.2.2 /01	Fahrbach, M.	2012	[14C]Ethofumesate: Aerobic mineralization in surface water Harlan Laboratories Ltd., Itingen, Switzerland Bayer CropScience, Report No.: D25330, Edition Number: M-439697-01-1 Date: 2012-07-31 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.2.2.2 /01	Caviezel, A.	2013	[14C]ETHOFUMESATE - AEROBIC MINERALISATION IN SURFACE WATER United Phosphorus Ltd., 20130080 Innovative Environmental Services (IES) Ltd. GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 7.2.2.3 /01	Celorio, J. I.	1984	DEGRADATION OF ETHOFUMESATE IN A SEDIMENT/WATER MICROSYSTEM Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83284, Edition Number: M-155553-01-1 EPA MRID No.: 41554102 Date: 1984-10-23 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.2.3 /02	Kellner, G.	1995	DEGRADATION AND METABOLISM OF 14C ETHOFUMESATE IN AQUATIC SYSTEMS RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany Bayer CropScience, Report No.: A87625, Edition Number: M-161568-01-1 Date: 1995-05-18 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.2.3 /03	Wahle, U.	1991	DEGRADATION OF ETHOFUMESATE IN AEROBIC WATER/ANAEROBIC SEDIMENT SYSTEM Institut Umweltchemie und Okotoxikologie; Bayer CropScience, Report No.: A83402, Edition Number: M-155670-01-1 Date: 1991-03-01 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience	In DAR (1998)
KCA 7.2.2.3 /04	Hillebrand, A. J.; Vonk, J. W.	1989	RATE OF DEGRADATION OF ETHOFUMESATE IN AN AEROBIC WATER/SEDIMENT SYSTEM TNO, Delft, NLD; Bayer CropScience,	N	N	-	Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: A87605, Edition Number: M-161534-01-1 Date: 1989-10-13 GLP/GEP: no, unpublished					
KCA 7.2.2.3 /05	Blech, S.	1996	Ethofumesate - Fate and behaviour in water/sediment A&M, Labor fuer Analytik und Metabolismusforschung Service GmbH, Bergheim, Germany Feinchemie Schwebda , Report No.: OFC00004877, Edition Number: M-352106-01-1 Date: 1996-07-31 GLP/GEP: yes, unpublished	N	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 7.2.2.3 /06	Stupp, H. P. Weuthen, M.	2012	[Phenyl-UL-14C]Ethofumesate: Aerobic aquatic metabolism Bayer CropScience, Report No.: EnSa-12-0334, Edition Number: M-443554-01-1 Date: 2012-11-29 GLP/GEP: yes, unpublished	N	Y	Required due to deficiencies in previous studies (metabolites not identified)	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.2.2.3 /07	Chapple, A.C.	2013	Kinetic evaluation of the degradation of ethofumesate in an aerobic water-sediment system Bayer CropScience, Report No.: EnSa-13-0250, Edition Number: M-459125-01-1 Date: 2013-07-01 GLP/GEP: no, unpublished	N	Y	Required for new water/sediment studies	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.2.2.3 /08	Schmitt, W.	2008	Kinetic evaluation of the degradation of ethofumesate in an aerobic water/sediment system Bayer CropScience, Report No.: MEF-08/247, Edition Number: M-301623-01-1 Date: 2008-05-13 GLP/GEP: no, unpublished	N	Y	Required for new water/sediment studies	Task Force Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 7.2.2.3 /01	Heintze, A.	2003	DEGRADATION AND METABOLISM OF ETHOFUMESATE IN TWO WATER/SEDIMENT SYSTEMS UNDER AEROBIC CONDITIONS - LABORATORY TEST United Phosphorus Ltd., 20011407/01-CUWS GAB Biotechn. GmbH & IFU Umweltanalytik GmbH, Germany GLP: yes Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 7.2.2.3 /02	Stangelj, A.	2014	CALCULATIONS OF ENVIRONMENTAL FATE ENDPOINTS IN WATER/SEDIMENT SYSTEMS FOR ETHOFUMESATE ACCORDING TO RECOMMENDATIONS OF THE FOCUS WORKING GROUP ON DEGRADATION KINETICS United Phosphorus Ltd., 118608-CA-07020203-01 GAB Consulting GmbH, Lamstedt, Germany GLP/GEP: no Published: no	no	yes	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA	Brehm, M.	1992	ESTIMATION OF THE	N	N	-	Bayer	In DAR

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
7.3.1 /01			PHOTOCHEMICAL- OXIDATIVE DEGRADATION OF ETHOFUMESATE (SCHERING CODE NO ZK 49 913) IN THE ATMOSPHERE Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83382, Report includes Trial Nos.: 92/076 Edition Number: M-155650-01-1 Date: 1992-06-04 GLP/GEP: no, unpublished ...also filed: KCA 2.14 /02 ...also filed: KCA Section 2 /01				CropScience	(1998)
KCA 7.3.1 /02	Schneider, E.	2002	Ethofumesate - Predictive model calculation of the atmospheric oxidation behaviour (AOP) Feinchemie Schwebda GmbH, Eschwege, Germany Feinchemie Schwebda , Report No.: OFC00004956, Edition Number: M-352110-01-1 Date: 2002-08-27 GLP/GEP: no, unpublished	N	N	-	Adama (former Feinchemie Schwebda)	In DAR (1998)
KCA 7.5 /01	Legrand, M. F.; Costentin, E.; Bruchet, A.	1991	Occurrence of 38 pesticides in various French surface and ground waters. Journal:Environmental Technology, Volume:12, Pages:985;986, Year:1991, Report No.: A47899, Edition Number: M-136600-01-1 Date: 1991-07-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /02	Klaas, Ph.	2007	Groundwater monitoring for ethofumesate in two sugar beet growing regions of Spain SGS Institut Fresenius GmbH, Taunusstein, Germany Bayer CropScience, Report No.: IF-06/00624786, Edition Number: M-294853-01-1 Date: 2007-11-13 GLP/GEP: yes, unpublished	N	Y	Required for risk assessment	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 7.5 /03	Domaradzki, K.; Wujek, B.; Kucharski, M.	2008	Micro-rates of herbicides used in sugar beet crop -influence on herbicide residues level in roots and soil. Report No.: M-455974-01-1, Edition Number: M-455974-01-1 Date: 2008-01-01 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /04	Planas, C.; Puig, A.; Rivera, J.; Caixach, J.	2006	Analysis of pesticides and metabolites in Spanish surface waters by isotope dilution gas chromatography/mass spectrometry with previous automated solid-phase extraction. Report No.: M-455857-01-1, Edition Number: M-455857-01-1 Date: 2006-01-01 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /05	Herrero-Hernandez, E.; Andrades, M.; Alvarez-Martin, A.; Pose-Juan, E.; Rodriguez-Cruz, M.; Sanchez-Martin, M.	2013	Occurrence of pesticides and some of their degradation products in waters in a Spanish wine region Journal:Journal of Hydrology, Volume:486, Pages:234-245, Year:2013, Report No.: M-462662-01-1, Edition Number: M-462662-01-1 Date: 2013-08-01	N	N	-	LIT	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP/GEP: no, published					
KCA 7.5 /06	Berenzen, N.; Lentzen-Godding, A.; Probst, M.; Schulz, H.; Schulz, R.; Liess, M.	2005	A comparison of predicted and measured levels of runoff-related pesticide concentrations in small lowland streams on a landscape level. Journal:Chemosphere, Volume:58, Issue:5, Pages:683-691, Year:2005, Report No.: M-458560-01-1, Edition Number: M-458560-01-1 Date: 2005-12-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /07	Papadopoulou -Mourkidou, E.; Vassiliou, G.; Vryzas, Z.; Alexoudis, C.; Galanis, K.	2011	Determination and aquatic risk assessment of pesticide residues in riparian drainage canals in northeastern Greece. Journal:Ecotoxicol. Environ. Saf., Volume:74, Issue:2, Pages:174-181, Year:2011, Report No.: M-458635-01-1, Edition Number: M-458635-01-1 Date: 2011-12-31 GLP/GEP: no, published ...also filed: KCA 8.2.8 /02	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /08	Kern, S.; Singer, H.; Hollender, J.; Schwarzenbach, R.; Fenner, K.	2011	Assessing Exposure to Transformation Products of Soil-Applied Organic Contaminants in Surface Water: Comparison of Model Predictions and Field Data. Journal:Environ. Sci. Technol., Volume:45, Issue:7, Pages:2833-2841, Year:2011, Report No.: M-459500-01-1, Edition Number: M-459500-01-1 Date: 2011-12-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /09	Schafer, R.; Von Der Ohe, P.; Kuhne, R.; Schuurmann, G.; Liess, M.	2011	Occurrence and Toxicity of 331 Organic Pollutants in Large Rivers of North Germany over a Decade (1994 to 2004). Journal:Environ. Sci. Technol., Volume:45, Issue:14, Pages:6167-6174, Year:2011, Report No.: M-458649-01-1, Edition Number: M-458649-01-1 Date: 2011-12-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /10	Bereswill, R.; Streloke, M.; Schulz, R.	2013	Current-use pesticides in stream water and suspended particles following runoff: exposure, effects, and mitigation requirements Journal:Environmental Toxicology and Chemistry, Volume:32, Issue:6, Pages:1254-1263, Year:2013, Report No.: M-462597-02-1, Edition Number: M-462597-02-1 Date: 2013-08-01 GLP/GEP: no, published ...also filed: KCA 8.9 /02	N	N	-	LIT	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 7.5 /11	Berenzen, N.; Kumke, T.; Schulz, H.; Schulz, R.	2004	Macroinvertebrate community structure in agricultural streams: impact of runoff-related pesticide contamination. Journal: Ecotoxicol. Environ. Saf., Volume: 60, Issue: 1, Pages: 37-46, Year: 2004, Report No.: M-458568-01-1, Edition Number: M-458568-01-1 Date: 2004-12-31 GLP/GEP: no, published ...also filed: KCA 8.9 /01	N	N		LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /12	Liess, M.; Von Der Ohe, P.	2005	Analyzing effects of pesticides on invertebrate communities in streams. Journal: Environ. Toxicol. Chem., Volume: 24, Issue: 4, Pages: 954-965, Year: 2005, Report No.: M-458575-01-1, Edition Number: M-458575-01-1 Date: 2005-12-31 GLP/GEP: no, published ...also filed: KCA 8.9 /03	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /13	Herrero-Hernandez, E.; Pose-Juan, E.; Alvarez-Martin, A.; Andrades, M.; Rodriguez-Cruz, M.; Sanchez-Martin, M.	2012	Pesticides and degradation products in groundwaters from a vineyard region: Optimization of a multiresidue method based on SPE and GC-MS Year: 2012, Report No.: M-462594-01-1, Edition Number: M-462594-01-1 Date: 2012-12-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /14	Silva, E.; Cerejeira, M.; Ribeiro, L.; Mendes, M.	2012	Exposure assessment of pesticides in a shallow groundwater of the Tagus vulnerable zone (Portugal): a multivariate statistical approach (JCA). Journal: Environ. Sci. Pollut. Res., Volume: 19, Issue: 7, Pages: 2667-2680, Year: 2012, Report No.: M-458651-01-1, Edition Number: M-458651-01-1 Date: 2012-12-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /15	Silva, E.; Pereira, A.; Estalagem, S.; Moreira-Santos, M.; Ribeiro, R.; Cerejeira, M.	2013	Assessing the Quality of Freshwaters in a Protected Area within the Tagus River Basin District (Central Portugal). Journal: Journal of Environmental Quality, Volume: 41, Issue: 5, Pages: 1413-1426, Year: 2012, Report No.: M-462658-01-1, Edition Number: M-462658-01-1 Date: 2013-08-01 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /16	Kucharski, M.; Wysocki, A.; Wujek, B.; Sadowski, J.	2012	Multiresidues of herbicides in surface water and groundwater on cultivated terrain of Lower Silesia. Journal: Prog. Plant Prot., Volume: 49, Issue: 4, Pages: 1923-1930, Year: 2009,	N	N	-	LIT	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: M-459329-01-1, Edition Number: M-459329-01-1 Date: 2012-10-08 GLP/GEP: no, published					
KCA 7.5 /17	Yusa, V.; Petrique, O.; Colin, P.; Mellouki, A.; Pastor, A.; Coscolla, C.; Yahyaoui, A.	2012	Occurrence of currently used pesticides in ambient air of Centre Region (France). Journal: Atmos. Environ., Volume: 44, Issue: 32, Pages: 3915-3925, Year: 2010, Report No.: M-458632-01-1, Edition Number: M-458632-01-1 Date: 2012-10-08 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCA 7.5 /18	Schummer, C.; Mothiron, E.; Appenzeller, B.; Rizet, A.; Wennig, R.; Millet, M.	2010	Temporal variations of concentrations of currently used pesticides in the atmosphere of Strasbourg, France. Journal: Environ. Pollut. (Oxford, U. K.), Volume: 158, Issue: 2, Pages: 576-584, Year: 2010, Report No.: M-457521-01-1, Edition Number: M-457521-01-1 Date: 2010-12-31 GLP/GEP: no, published	N	N	-	LIT	Submitted for the purpose of renewal (2014)
KCP 9.1.3 /01	Schaefer, D.	2002	Calculation of PEC values in soil for ethofumesate from use of the herbicide Nortron 50 SC Code: AE B049913 00 SC45 A2 (Nortron 50 SC) Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C024806, Edition Number: M-217587-01-1 Date: 2002-07-16 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In DAR (1998)
9.2.4 /01	Schaefer, D.	2002	Groundwater PEC values for ethofumesate from use of the herbicide Nortron 50 SC Code: AE B049913 00 SC45 A2 (Nortron 50 SC) Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C024811, Edition Number: M-217597-01-1 Date: 2002-07-16 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In DAR (1998)
KCP 9.2.4 /02	Jene, B.	1999	Simulation of the leaching behaviour of ethofumesate with MACRO in a loamy macroporous soil of a typical sugar beet growing area in the Paris Basin using worst case half lives AE B049913 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C006227, Edition Number: M-193518-01-1 Date: 1999-12-02 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In DAR (1998)
KCP 9.2.4 /03	Jene, B.	1999	Simulation of the leaching behaviour of Ethofumesate in a loamy macroporous soil of a typical sugar beet growing area in the Paris Basin using the MACRO model Code: AE B049913 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience,	N	N		Bayer CropScience	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			Report No.: C004998, Edition Number: M-188953-01-1 Date: 1999-08-20 GLP/GEP: no, unpublished					
KCP 9.2.4 /04	Pistel, F.; Bleif, J.	1993	VERHALTEN IM BODEN UND RISIKOBEWERTUNG EINER TRINKWASSERKONTAMINATION Scientific Consulting Company; Bayer CropScience, Report No.: A87556, Edition Number: M-161462-01-1 Date: 1993-11-12 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In DAR (1998)
KCP 9.2.5 /01	Schaefer, D.	2002	Calculation of PEC values in surface water and sediment for ethofumesate from use of the herbicide Nortron 50 SC Code: AE B049913 00 SC45 A2 (Nortron 50 SC) Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C024809, Edition Number: M-217593-01-1 Date: 2002-07-16 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In DAR (1998)
9.3.1 /01	Kubiak, R.	1992	VOLATILIZATION OF 14C-ETHOFUMESATE ACCORDING TO THE FORMULATION BETANAL PROGRESS FROM SOIL AND PLANTS UNDER STANDARDIZED CONDITIONS Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83381, Edition Number: M-155649-01-1 Date: 1992-05-26 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In DAR (1998)
KCP 9.3.1 /02	Kubiak, R.	1992	VOLATILIZATION OF 14C-ETHOFUMESATE ACCORDING TO THE FORMULATION TRAMAT 500 FROM SOIL UNDER STANDARDIZED CONDITIONS Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83387, Edition Number: M-155655-01-1 Date: 1992-05-29 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In DAR (1998)
/03	De Vries, R.	1994	DETERMINATION OF THE RATE OF VOLATILISATION OF ETHOFUMESATE FROM SOIL AND PLANT SURFACE (DWARF RUNNER BEAN) Notox B.V., 's-Hertogenbosch, Netherlands Bayer CropScience, Report No.: A87624, Edition Number: M-161566-01-1 Date: 1994-12-07 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In DAR (1998)
KCP 9.3.1 /04	Beinhauer, K.	1993	93 10 47 016 - Investigation of volatilization (soil/sugar beet) in field according to BBA Guideline IV, 6-1 (1990) - Kontraktwin BioChem GmbH Karlsruhe, Cunnernsdorf, Germany Feinchemie Schebda, Report No.: OFC00004955, Edition Number: M-352109-01-1 Date: 1993-09-30	N	N		Feinchemie Schebda	In DAR (1998)

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
			GLP/GEP: yes, unpublished					
KCP 9.2.4.1/01	Stangelj, A.	2014a	CALCULATION OF PREDICTED ENVIRONMENTAL CONCENTRATIONS IN GROUND WATER (PECGW) FOR THE ACTIVE SUBSTANCE ETHOFUMESATE USING THE MODEL SOFTWARE FOCUS PELMO 5.5.3 AND FOCUS PEARL 4.4.4 - PRODUCT ETHOFOL 500 SC - United Phosphorus Ltd., 118608-CP-09020401-01 GAB Consulting GmbH, Lamstedt, Germany GLP/GEP: no Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 9.2.5/01	Stangelj, A.	2014b	CALCULATION OF PREDICTED ENVIRONMENTAL CONCENTRATIONS IN SURFACE WATER (PECSW) AND SEDIMENT (PECSED) FOR THE ACTIVE SUBSTANCE ETHOFUMESATE AND MAJOR METABOLITES USING FOCUS SW MODELLING SOFTWARE AND SCENARIOS - PRODUCT ETHOFOL 500 SC - United Phosphorus Ltd., 118608-CP-090205-01 GAB Consulting GmbH, Lamstedt, Germany GLP/GEP: no Published: no	no	yes	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

LIT: public literature

A.9. ECOTOXICOLOGY DATA



Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.1.1.1	[REDACTED]	1990a	THE ACUTE ORAL TOXICITY (LD50) OF ETHOFUMESATE TO THE MALLARD DUCK [REDACTED] Bayer CropScience, Report no.: A87610, Edition Number: M-161543-01-1 Date: 1990-11-15 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.1.1.1	[REDACTED]	1990b	THE ACUTE ORAL TOXICITY (LD50) OF ETHOFUMESATE TO THE BOBWHITE QUAIL [REDACTED] Bayer CropScience, Report no.: A87612, Edition Number: M-161547-01-1 Date: 1990-11-30 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.1.1.1	[REDACTED]	1992	Acute oral toxicity study (limit study) with ethofumesate in Japanese quails TNO Nutrition and Food Research [REDACTED] Feinchemie Schwebda , Report no.: OFC00004882, Edition Number: M-352112-01-1 Date: 1992-12-31 GLP/GEP: yes, unpublished	Y	N		Adama (former Feinchemie Schwebda)	In the DAR (1998)
KCA 8.1.1.1	[REDACTED]	1977a	THE ACUTE ORAL TOXICITY (LD50) OF NC 8438 TO THE MALLARD DUCK [REDACTED] Bayer CropScience, Report no.: A83331, Report includes Trial Nos.: FPL 245 WL/77937 Edition Number: M-155600-01-1 Date: 1977-12-01 GLP/GEP: no, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.1.1.1	[REDACTED]	1977b	ACUTE ORAL TOXICITY (LD50) OF NC8438 TO THE BOBWHITE QUAIL [REDACTED] Bayer CropScience, Report no.: A83330, Report includes Trial Nos.: FPL 245 WL/77934 Edition Number: M-155599-01-1 Date: 1977-12-01 GLP/GEP: no, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.1.1.2	[REDACTED]	1994a	Short term toxicity, 8d study on birds Feinchemie Schwebda GmbH, Germany TF- Ethofumesate, Report no.: M-468479-01-1, Edition Number: M-468479-01-1 Date: 1994-12-01 GLP/GEP: no, unpublished ...also filed: KCA 8.1.1.1 /06	Y	N		Adama (former Feinchemie Schwebda)	In the DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.1.1.2	[REDACTED]	1991a	TECHNICAL ETHOFUMESATE: SUBACUTE DIETARY TOXICITY (LC 50) TO MALLARD DUCK [REDACTED] Bayer CropScience, Report no.: A83367, Report includes Trial Nos.: SMS 269/91303 TOX 90539 Edition Number: M-155635-01-1 EPA MRID no.: 41949202 Date: 1991-05-15 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.1.1.2	[REDACTED]	1990a	THE DIETARY TOXICITY (LC50) OF ETHOFUMESATE TO THE MALLARD DUCK [REDACTED] Bayer CropScience, Report no.: A87611, Edition Number: M-161545-01-1 Date: 1990-11-30 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.1.1.2	[REDACTED]	1991b	TECHNICAL ETHOFUMESATE: SUBACUTE DIETARY TOXICITY (LC 50) TO BOBWHITE QUAIL [REDACTED] Bayer CropScience, Report no.: A83369, Report includes Trial Nos.: SMS 268/91302 TOX 90538 Edition Number: M-155637-01-1 EPA MRID no.: 41949201 Date: 1991-05-15 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.1.1.2	[REDACTED]	1990b	THE DIETARY TOXICITY (LC50) OF ETHOFUMESATE TO THE BOBWHITE QUAIL [REDACTED] Bayer CropScience, Report no.: A87613, Edition Number: M-161549-01-1 Date: 1990-11-30 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.1.1.3	[REDACTED]	1994b	Effects on reproduction Feinchemie Schwebda GmbH, Germany TF- Ethofumesate, Report no.: M-468481-01-1, Edition Number: M-468481-01-1 Date: 1994-12-01 GLP/GEP: no, unpublished	N	N		Adama (former Feinchemie Schwebda)	In the DAR (1998)
KCA 8.1.1.3	[REDACTED]	2001	Bobwhite quail dietary reproduction study Ethofumesate Code: AE B049913 00 1D97 0002 [REDACTED] Bayer CropScience, Report no.: C013708, Report includes Trial Nos.: 1999.0060 Edition Number: M-205119-01-1 Date: 2001-05-15 GLP/GEP: yes, unpublished	Y	Y	Required for risk assessment	Bayer CropScience	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.1.1.3	[REDACTED]	2000	Mallard duck dietary reproduction study Ethofumesate Code: AE B049913 00 1D97 002 [REDACTED] Bayer CropScience, Report no.: C008193, Report includes Trial Nos.: TOX99077 Edition Number: M-197270-01-1 Date: 2000-08-25 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the Addendum to the DAR (2000)
KCA 8.2.1	[REDACTED]	1991a	THE ACUTE TOXICITY OF [14C]-ETHOFUMESATE TO BLUEGILL SUNFISH (<i>Lepomis macrochirus</i>) UNDER SEMI-STATIC CONDITIONS [REDACTED] Bayer CropScience, Report no.: A83373, Report includes Trial Nos.: 86B Edition Number: M-155641-01-1 EPA MRID no.: 42015501 Date: 1991-08-09 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.1	[REDACTED]	1991b	THE ACUTE TOXICITY OF [14C]-ETHOFUMESATE TO RAINBOW TROUT (<i>Oncorhynchus mykiss</i>) UNDER STATIC CONDITIONS [REDACTED] Bayer CropScience, Report no.: A83375, Report includes Trial Nos.: 87B Edition Number: M-155643-01-1 EPA MRID no.: 41970701 Date: 1991-07-29 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.1	[REDACTED]	1990a	DETERMINATION OF ACUTE TOXICITY (LC50) TO RAINBOW TROUT (96H, SEMI-STATIC) Ethofumesate [REDACTED] Bayer CropScience, Report no.: A87614, Report includes Trial Nos.: 141714 Edition Number: M-161551-01-1 EPA MRID no.: 46546301 Date: 1990-11-06 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.1	[REDACTED]	1990b	DETERMINATION OF ACUTE TOXICITY (LC50) TO BLUEGILL SUNFISH (96H, SEMI-STATIC) Ethofumesate [REDACTED] Bayer CropScience, Report no.: A87615, Report includes Trial Nos.: 141709 Edition Number: M-161552-01-1 Date: 1990-11-06 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.2.1	[REDACTED]	1989	TECHNICAL ETHOFUMESATE - DETERMINATION OF ACUTE TOXICITY (LC50) TO MIRROR CARP (96 HOURS, SEMISTATIC) AND THE ANALYSIS OF ETHOFUMESATE IN WATER SAMPLES [REDACTED] Bayer CropScience, Report no.: A83349, Report includes Trial Nos.: 140438 79B Edition Number: M-155618-01-1 Date: 1989-10-12 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.1	[REDACTED]	1992a	THE ACUTE TOXICITY OF ETHOFUMESATE TECHNICAL TO THE SHEEPSHEAD MINNOW (<i>Cyprinodon variegatus</i>) IN A STATIC SYSTEM [REDACTED] Bayer CropScience, Report no.: A83384, Edition Number: M-155652-01-1 EPA MRID no.: 42409301 Date: 1992-06-12 GLP/GEP: yes, unpublished	Y	Y	Needed for risk assessment	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 8.2.1	[REDACTED]	1991a	Acute toxicity in rainbow trout (<i>Salmo gairdneri</i>) test article: Ethofumesate [REDACTED] Feinchemie Schwebda , Report no.: OFC00004887, Edition Number: M-352116-01-1 Date: 1991-09-12 GLP/GEP: yes, unpublished	Y	N		Adama (former Feinchemie Schwebda)	Submitted for the first Annex I inclusion, but was not evaluated by RMS.
KCA 8.2.1	[REDACTED]	1993a	Acute toxicity in golden orfe (<i>Leuciscus Idus</i>) - Test article: Ethofumesate techn. [REDACTED] Feinchemie Schwebda , Report no.: OFC00004888, Edition Number: M-352126-01-1 Date: 1993-03-20 GLP/GEP: yes, unpublished	Y	N		Adama (former Feinchemie Schwebda)	In the DAR (1998)
KCA 8.2.2	[REDACTED]	1990	A STUDY OF THE PROLONGED TOXICITY TO FISH (<i>Salmo gairdneri</i>) OF ETHOFUMESATE TECHNICAL [REDACTED] Bayer CropScience, Report no.: A83355, Report includes Trial Nos.: 78B BE-ET-12-89-02-F1P-2 Edition Number: M-155624-01-1 Date: 1990-05-29 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.2.2	[REDACTED]	1991b	Prolonged toxicity test in rainbow trout (<i>Salmo Gairdneri</i>) - Test article: Ethofumesate [REDACTED] Feinchemie Schwebda , Report no.: OFC00004889, Edition Number: M-352123-01-1 Date: 1991-09-12 GLP/GEP: yes, unpublished	Y	N		Adama (former Feinchemie Schwebda)	Submitted for the first Annex I inclusion, but was not evaluated by RMS.
KCA 8.2.2	[REDACTED]	1993	21-DAY PROLONGED TOXICITY STUDY IN THE RAINBOW TROUT UNDER FLOW-THROUGH CONDITIONS Ethofumesate [REDACTED] Bayer CropScience, Report no.: A87616, Edition Number: M-161553-01-1 Date: 1993-04-27 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.2.1	[REDACTED]	2013	Ethofumesate technical: Statistical Re-evaluation of the fish early life stage toxicity study with fathead Minnow (<i>Pimephales promelas</i>) by Faggella 1991 [REDACTED] Bayer CropScience, Report no.: M-470756-01-1, Edition Number: M-470756-01-1 GLP/GEP: n.a., unpublished	Y	Y	Needed for risk assessment	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.2.1	[REDACTED]	1991	ETHOFUMESATE - FATHEAD MINNOW (<i>Pimephales promelas</i>) EARLY LIFE STAGE TOXICITY TEST [REDACTED] Bayer CropScience, Report no.: A83372, Edition Number: M-155640-01-1 EPA MRID no.: 42008901 Date: 1991-07-08 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.2.2	[REDACTED]	2013	Zebra fish (<i>Danio rerio</i>), life cycle test, flow through conditions - Ethofumesate [REDACTED] Bayer CropScience, Report no.: BAY-035/4-60/A, Edition Number: M-464613-01-1 Date: 2013-08-20 GLP/GEP: yes, unpublished	Y	Y	New data requirement	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.2.3	[REDACTED]	1991	DETERMINATION OF THE ACCUMULATION AND ELIMINATION OF [14C]-ETHOFUMESATE IN BLUEGILL SUNFISH (<i>Lepomis macrochirus</i> L.) [REDACTED] Bayer CropScience, Report no.: A83371, Report includes Trial Nos.: 83B Edition Number: M-155639-01-1 EPA MRID no.: 41970704 Date: 1991-07-11 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.2.2.3		1992	BIOACCUMULATION TEST IN BLUEGILL SUNFISH 14C-Ethofumesate  Bayer CropScience, Report no.: A87617, Report includes Trial Nos.: 141541 Edition Number: M-161555-01-1 Date: 1992-05-29 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.4.1	Barber, I.	1991	DETERMINATION OF THE ACUTE TOXICITY OF [14C]-ETHOFUMESATE TO <i>Daphnia magna</i> Schering AG, Berlin, Germany Bayer CropScience, Report no.: A83370, Report includes Trial Nos.: 88B Edition Number: M-155638-01-1 EPA MRID no.: 41970702 Date: 1991-07-30 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.4.1	Douglas, M. T.; James, C. M.	1990	THE ACUTE TOXICITY OF ETHOFUMESATE TO <i>Daphnia magna</i> Huntingdon Research Centre Ltd., Huntingdon, United Kingdom Bayer CropScience, Report no.: A87618, Edition Number: M-161557-01-1 Date: 1990-08-17 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.4.1	Juckeland, D.	2013a	Acute toxicity of NC 20645 to <i>Daphnia magna</i> in a 48-hour static test United Phosphorus Ltd., 13 10 48 030 W BioChem Agrar, Gerichshain, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 8.2.4.1	Juckeland, D.	2013b	Acute toxicity of NC 8493 to <i>Daphnia magna</i> in a 48-hour static test United Phosphorus Ltd., 13 10 48 015 W BioChem Agrar, Gerichshain, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 8.2.4.1	Koenig, N.	2013	Acute toxicity of ethofumesate acetic acid to the waterflea <i>Daphnia magna</i> in a static laboratory test system - Limit test Bayer CropScience, Report no.: EBADN008, Edition Number: M-444843-01-1 Date: 2013-01-10 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.4.1	Riebschlaeger, T.	2012	Acute toxicity of BCS-BB94377 (tech.) to the waterflea <i>Daphnia magna</i> in a static-renewal laboratory test system - Limit test - Amendment 1 to report Bayer CropScience, Report no.: EBADL039, Edition Number: M-434284-02-1 Date: 2012-06-27 ...Amended: 2013-03-18 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.2.4.1	Riebschlaeger, T.	2012	Acute toxicity of BCS-AV65501 (tech.) to the waterflea <i>Daphnia magna</i> in a static-renewal laboratory test system - Limit test - Amendment 1 to report Bayer CropScience, Report no.: EBADL038, Edition Number: M-434289-02-1 Date: 2012-06-27 ...Amended: 2013-03-18 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.4.1	Thun, S.	1993b	Acute toxicity in <i>Daphnia Magna</i> - Test article: Ethofumesate techn. IBR Forschungs GmbH, Walsrode, Germany Feinchemie Schwebda, Report no.: 80-91-2312-02-93, Edition Number: M-352128-01-1 Date: 1993-03-15 GLP/GEP: yes, unpublished	N	N		Adama (former Feinchemie Schwebda)	Submitted for the first Annex I inclusion, but was not evaluated by RMS.
KCA 8.2.4.2	Schupner, J. K.; Stachura, B. J.	1992b	THE ACUTE TOXICITY OF ETHOFUMESATE TECHNICAL TO THE MYSID SHRIMP <i>Mysidopsis bahia</i> IN A STATIC SYSTEM Nor-Am Chemical Company, Pikeville, NC, USA Bayer CropScience, Report no.: A83389, Edition Number: M-155657-01-1 EPA MRID no.: 42364502 Date: 1992-06-12 GLP/GEP: yes, unpublished	N	Y	Needed for risk assessment	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 8.2.5.1	Adema, D. M. M., de Ruiter, A.	1989	THE CHRONIC TOXICITY OF ETHOFUMESATE TO <i>Daphnia magna</i> TNO; Bayer CropScience, Report no.: A83345, Report includes Trial Nos.: 70B Edition Number: M-155614-01-1 EPA MRID no.: 41554103 Date: 1989-10-04 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.5.1	Bellmann, W.	1992a	21 d <i>Daphnia</i> -reproduction test according to OECD guideline 202, part II - Test article ethofumesate Technischer Ueberwachungsverein, Filderstadt, Germany Feinchemie Schwebda, Report no.: OFC00004891, Edition Number: M-352134-01-1 Date: 1992-09-21 GLP/GEP: yes, unpublished	N	N		Adama (former Feinchemie Schwebda)	Submitted for the first Annex I inclusion, but was not evaluated by RMS.
KCA 8.2.5.1	Douglas, M. T.; James, C. M.; McDonald, I. A.	1990a	AN ASSESSMENT OF THE EFFECTS OF ETHOFUMESATE ON THE REPRODUCTION OF <i>Daphnia magna</i> Huntingdon Research Centre Ltd., Huntingdon, United Kingdom Bayer CropScience, Report no.: A87619, Edition Number: M-161558-01-1 Date: 1990-10-26 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.2.5.4	Desmares-Koopmans, M.J.E.	2002	Sediment-Water Chironomid Toxicity Test using water spiked with Ethofumesate AgriChem B.V., 324089 Notox B.V., 5231 DD 's-Hertogenbosch, The Netherlands GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCA 8.2.5.4	Mattock, S. D.	1998	Chronic toxicity to the sediment dwelling organism <i>Chironomus riparius</i> (BBA method) Covance Laboratories Ltd., Harrogate, North Yorkshire, United Kingdom Bayer CropScience, Report no.: A91783, Report includes Trial Nos.: 194/183 Envir 208B Edition Number: M-168438-01-1 Date: 1998-03-30 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.5.4	Stäbler, D.	2003	Assessment of side effects of Ethofumesate Technical on the larvae of the midge, <i>Chironomus riparius</i> with the Laboratory Test Method United Phosphorus Ltd., 20021050/01-ASCr GAB Biotechn. GmbH & IFU Umweltanalytik GmbH, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 8.2.6.1	Bellmann, W.	1992b	Final report on the alga growth inhibition test according to OECD guideline 201 - Test article: Ethofumesate Technischer Ueberwachungs-Verein Suedwestdeutschland e. V., Filderstadt, Germany Feinchemie Schwebda , Report no.: 40730.315-201, Edition Number: M-359250-01-1 Date: 1992-09-04 GLP/GEP: yes, unpublished	N	N		Adama (former Feinchemie Schwebda)	Submitted for the first Annex I inclusion, but was not evaluated by RMS.
KCA 8.2.6.1	Bruns, E.	2008	<i>Pseudokirchneriella subcapitata</i> growth inhibition test with ethofumesate (techn.) Bayer CropScience, Report no.: EBADL004, Edition Number: M-302092-03-1 Date: 2008-06-04 ...Amended: 2010-02-16 GLP/GEP: yes, unpublished	N	Y	Needed for risk assessment	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.6.1	Bruns, E.	2012a	<i>Pseudokirchneriella subcapitata</i> growth inhibition test with ethofumesate-NC8493 (AE C508493) Bayer CropScience, Report no.: EBADL032, Edition Number: M-436372-01-1 Date: 2012-08-03 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

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KCA 8.2.6.1	Bruns, E.	2012b	Amendment no.1- <i>Pseudokirchneriella subcapitata</i> growth inhibition test with BCS-AV65501 - limit test Bayer CropScience, Report no.: EBADL035, Edition Number: M-437568-02-1 Date: 2012-08-27 ...Amended: 2012-10-08 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.6.1	Douglas, M. T.; Halls, R. W. S.; McDonald, I. A.	1990b	The algistic activity of ethofumesate Huntingdon Research Centre Ltd., Huntingdon, Cambridgeshire, United Kingdom Bayer CropScience, Report no.: A87620, Edition Number: M-161559-01-1 Date: 1990-08-13 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.6.1	Juckeland, D.	2013c	Effects of NC 20645 on <i>Desmodesmus subspicatus</i> in an algal growth inhibition test under static conditions United Phosphorus Ltd., 13 10 48 029 W BioChem Agrar, Gerichshain, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 8.2.6.1	Juckeland, D.	2013d	Effects of NC 8493 on <i>Desmodesmus subspicatus</i> in an algal growth inhibition test under static conditions (including amendment) United Phosphorus Ltd., 13 10 48 014 W BioChem Agrar, Gerichshain, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 8.2.6.1	Knacker, T.	1989	A STUDY OF THE TOXICITY TO ALGAE OF ETHOFUMESATE TECHNICAL Battelle-Institut e.V., Frankfurt am Main, Germany Bayer CropScience, Report no.: A83343, Report includes Trial Nos.: 69B BE-EA-12-89-01-ALG-1 Edition Number: M-155612-01-1 Date: 1989-08-03 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.6.1	Sobczyk, H.	2013	<i>Pseudokirchneriella subcapitata</i> growth inhibition test with BCS-CW35117 Bayer CropScience, Report no.: E 323 4457-8, Edition Number: M-459906-01-1 Date: 2013-06-27 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.6.2	Banman, C. S.; Daly, R. A.; Lam, C. V.	2009a	Toxicity of ethofumesate technical to the blue green algae <i>Anabaena flos-aquae</i> Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report no.: EBADL008, Edition Number: M-349150-01-1 Date: 2009-06-10 GLP/GEP: yes, unpublished	N	Y	Needed for risk assessment	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.2.6.2	Banman, C. S.; Daly, R. A.; Lam, C. V.	2009b	Toxicity of ethofumesate technical to the saltwater diatom <i>Skeletonema costatum</i> Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report no.: EBADL009, Edition Number: M-347965-01-1 Date: 2009-05-19 GLP/GEP: yes, unpublished	N	Y	Needed for risk assessment	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.6.2	Scheerbaum, D.	1998a	Alga, growth inhibition test (<i>Nitzschia palea</i> , 96 [h]) Ethofumesate substance technical 98.8% w/w Code: AE B049913 00 1D97 00 Dr. U. Noack-Laboratorium fuer Angewandte Biologie, Sarstedt, Germany Bayer CropScience, Report no.: A91866, Report includes Trial Nos.: ENVIR/210B SNO56991 Edition Number: M-168517-01-1 Date: 1998-05-28 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.7	Banman, C. S.	2011	Toxicity of ethofumesate technical to the aquatic macrophyte, <i>Myriophyllum spicatum</i> (amended final report) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report no.: EBADL019-1, Edition Number: M-411454-02-1 Date: 2011-07-25 ...Amended: 2013-05-22 GLP/GEP: yes, unpublished	N	Y	Not a formal data requirement for herbicides according to EU Regulations for chemical active substances no 283/2013 under 1107/2009, however considered to be relevant for risk assessment as this species was found to be the new most sensitive species.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.2.7	Bogers, M.	2001	A 7-Day Aquatic Plant Toxicity Test using <i>Lemna minor</i> with Ethofumesate AgriChem B.V., 324078 Notox B.V., 5231 DD 's-Hertogenbosch, The Netherlands GLP: yes Published: no	N	N		ACM*	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.2.7	Scheerbaum, D.	1998b	Ethofumesate - Substance technical 98.8 percent w/w - <i>Lemna minor</i> : Semi static phytotoxicity test - Code: AE B049913 00 1D97 0002 Dr. U. Noack-Laboratorium fuer Angewandte Biologie, Sarstedt, Germany Bayer CropScience, Report no.: A91865, Report includes Trial Nos.: ENVIR/211B TLA5699- TLA56991 Edition Number: M-168516-01-1 Date: 1998-05-28 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.2.8	Papadopoulou -Mourkidou, E.; Vassiliou, G.; Vryzas, Z.; Alexoudis, C.; Galanis, K.	2011	Determination and aquatic risk assessment of pesticide residues in riparian drainage canals in northeastern Greece. Journal:Ecotoxicol. Environ. Saf., Volume:74, Issue:2, Pages:174-181, Year:2011, Report no.: M-458635-01-1, Edition Number: M-458635-01-1 Date: 2011-12-31 GLP/GEP: no, published ...also filed: KCA 7.5 /07	N	N		LIT	Submitted for the purpose of renewal (2014)
KCA 8.2.8	Yurk, J. J.; Ache, B. W.	1992	EFFECT OF ETHOFUMESATE TECHNICAL ON NEW SHELL GROWTH IN THE EASTERN OYSTER (<i>Crassostrea virginica</i>) UNDER FLOW-THROUGH TEST CONDITIONS Environmental Science and Engineering, Inc., Gainesville, FL, USA Bayer CropScience, Report no.: A83386, Report includes Trial Nos.: 507B Edition Number: M-155654-01-1 EPA MRID no.: 42388101 Date: 1992-05-28 GLP/GEP: yes, unpublished	N	Y	Needed for risk assessment	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCA 8.3.1.1.1	Barrett, K. L.	1991a	THE ACUTE ORAL AND TOPICAL TOXICITIES OF ETHOFUMESATE TO WORKER HONEYBEES (<i>Apis mellifera</i> L) Schering AG, Berlin, Germany Bayer CropScience, Report no.: A83374, Report includes Trial Nos.: 87B Edition Number: M-155642-01-1 EPA MRID no.: 41970703 Date: 1991-07-09 GLP/GEP: yes, unpublished ...also filed: KCA 8.3.1.1.2 /01	N	N		Bayer CropScience	In the DAR (1998)

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KCA 8.3.1.1.1	Cole, J. H.	1990	THE ACUTE CONTACT AND ORAL TOXICITY TO HONEY BEES OF ETHOFUMESATE TECHNICAL Huntingdon Research Centre Ltd., Huntingdon, United Kingdom Bayer CropScience, Report no.: A87621, Edition Number: M-161561-01-1 Date: 1990-02-19 GLP/GEP: yes, unpublished ...also filed: KCA 8.3.1.1.2 /02	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.3.1.1.1	Schmitzer, S.	2011a	Effects of ethofumesate tech. (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report no.: 64231035, Edition Number: M-421681-01-1 Date: 2011-12-19 GLP/GEP: yes, unpublished ...also filed: KCA 8.3.1.1.2 /03	N	Y	Required due to deficiencies in previous studies	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.3.1.1.2	Barrett, K. L.	1991b	THE ACUTE ORAL AND TOPICAL TOXICITIES OF ETHOFUMESATE TO WORKER HONEYBEES (<i>Apis mellifera</i> L) Schering AG, Berlin, Germany Bayer CropScience, Report no.: A83374, Report includes Trial Nos.: 87B Edition Number: M-155642-01-1 EPA MRID no.: 41970703 Date: 1991-07-09 GLP/GEP: yes, unpublished ...also filed: KCA 8.3.1.1.1 /01	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.3.1.1.2	Cole, J. H.	1990	THE ACUTE CONTACT AND ORAL TOXICITY TO HONEY BEES OF ETHOFUMESATE TECHNICAL Huntingdon Research Centre Ltd., Huntingdon, United Kingdom Bayer CropScience, Report no.: A87621, Edition Number: M-161561-01-1 Date: 1990-02-19 GLP/GEP: yes, unpublished ...also filed: KCA 8.3.1.1.1 /02	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.3.1.1.2	Schmitzer, S.	2011b	Effects of ethofumesate tech. (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report no.: 64231035, Edition Number: M-421681-01-1 Date: 2011-12-19 GLP/GEP: yes, unpublished ...also filed: KCA 8.3.1.1.1 /03	N	Y	Required due to deficiencies in previous studies	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.3.1.2	Kling, A.	2013	Ethofumesate (tech.) - Assessment of chronic effects to the honeybee, <i>Apis mellifera</i> L., in a 10 days continuous laboratory feeding limit test eurofins-GAB GmbH, Niefem-Oeschelbronn, Germany Bayer CropScience, Report no.: S13-00144, Edition Number: M-469458-01-1 Date: 2013-11-04 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

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KCA 8.4.1	Barrett, K. L.; Arnold, D. J.	1986	DETERMINATION OF THE TOXICITY OF ETHOFUMESATE IN EARTHWORMS (<i>Eisenia andrei</i>) USING AN ARTIFICIAL SOIL TEST FBC Limited, Chesterford Park, United Kingdom Bayer CropScience, Report no.: A83286, Report includes Trial Nos.: 61B Edition Number: M-155555-01-1 Date: 1986-02-18 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.4.1	Friedrich, S.	2012a	AE C508493: Sublethal toxicity to the earthworm <i>Eisenia fetida</i> in artificial soil with 5 percent peat BioChem agrar GmbH, Gerichshain, Germany TF- Ethofumesate, Report no.: 11 10 48 063 S, Edition Number: M-435163-01-1 Date: 2012-04-05 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.4.1	Friedrich, S.	2012b	BCS-CU88901: Sublethal toxicity to the earthworm <i>Eisenia fetida</i> in artificial soil with 5 percent peat BioChem agrar GmbH, Gerichshain, Germany TF- Ethofumesate, Report no.: 12 10 48 001 S, Edition Number: M-435164-01-1 Date: 2012-04-05 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.4.1	Hakin, B.; Rodgers, M. H.; Johnson, A. J.	1991	THE ACUTE TOXICITY (LC50) OF ETHOFUMESATE TO THE EARTHWORM (<i>Eisenia foetida</i>) Huntingdon Research Centre Ltd., Huntingdon, United Kingdom Bayer CropScience, Report no.: A87622, Edition Number: M-161563-01-1 Date: 1991-03-27 GLP/GEP: yes, unpublished ...also filed: KCA 8.7 /01	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.4.1	Lührs, U.	2011a	Effects of NC8493 on reproduction and growth of earthworms <i>Eisenia fetida</i> in artificial soil with 5% peat United Phosphorus Ltd., 63561022 IBACON GmbH, Rossdorf Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 8.4.2.1	Friedrich, S.	2012c	AE C508493: Effects on the reproduction of the collembolans <i>Folsomia candida</i> BioChem agrar GmbH, Gerichshain, Germany TF- Ethofumesate, Report no.: 12 10 48 018 S, Edition Number: M-435155-01-1 Date: 2012-04-05 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.4.2.1	Friedrich, S.	2013a	BCS-CU88901: Effects on the reproduction of the collembolan <i>Folsomia candida</i> BioChem agrar GmbH, Gerichshain, Germany TF- Ethofumesate, Report no.: 13 10 48 108 S, Edition Number: M-462560-01-1 Date: 2013-07-30 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TFE	Submitted for the purpose of renewal (2014)
KCA 8.4.2.1	Friedrich, S.	2013b	Effects of 2,3-Dihydro-2-hydroxy-3,3-dimethyl benzofuron-5-yl methanesulphonate (NC 8493) on the reproduction of the collembolan <i>Folsomia candida</i> United Phosphorus Ltd., 13 10 48 062 S BioChem Agrar, Gerichshain, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 8.4.2.1	Schulz, L.	2013a	Effects of 2,3-Dihydro-2-hydroxy-3,3-dimethyl benzofuran-5-yl methanesulphonate (NC 8493) on the reproduction of the predatory mite <i>Hypoaspis aculeifer</i> United Phosphorus Ltd., 13 10 48 063 S BioChem Agrar, Gerichshain, Germany GLP: yes Published: no	N	Y	New data for active ingredient, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 8.5	Aldred, D.	1993	A LABORATORY ASSESSMENT OF THE EFFECTS OF ETHOFUMESATE ON SOIL MICROFLORA RESPIRATION Euro Laboratories Ltd., Buckinghamshire, United Kingdom Bayer CropScience, Report no.: A83392, Report includes Trial Nos.: 96B Edition Number: M-155660-01-1 Date: 1993-06-07 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.5	Hossack, D. J. N.; Thomas, F. J.; Chanter, D. O.	1991	THE EFFECT OF ETHOFUMESATE ON SOIL MICRO-FLORA RESPIRATION Huntingdon Research Centre Ltd., Huntingdon, United Kingdom Bayer CropScience, Report no.: A87660, Edition Number: M-161631-01-1 Date: 1991-01-03 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.5	Schulz, L.	2013b	AE C508493: Effects on the activity of soil microflora (Nitrogen transformation test) BioChem Agrar GmbH, Gerichshain, Germany TF- Ethofumesate, Report no.: 13 10 48 074 N, Edition Number: M-460349-01-1 Date: 2013-07-05 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 8.5	Schulz, L.	2013c	BCS-CU88901: Effects on the activity of soil microflora (Nitrogen transformation test) BioChem Agrar GmbH, Gerichshain, Germany TF- Ethofumesate, Report no.: 13 10 48 075 N, Edition Number: M-460357-01-1 Date: 2013-07-05 GLP/GEP: yes, unpublished	N	Y	Necessary due to change in residue definition for risk assessment.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCA 8.5	Voets, J. P.; Angerosa, I. M. O.; Goddeeris, H.; Verstraete, W.	1977	The influence of pyrazon, ethofumesate and metamitron on the soil microbiota Publisher: Magyar Tudoma'nyos Akade'mia., Location: Hungary, Journal: Acta Phytopathologica Academiae Scientiarum Hungaricae, Volume: 12, Issue: 1-2, Pages: 31-39, Year: 1977, Report no.: Lit. 2128, Edition Number: M-155551-01-2 Date: 1977-01-01 GLP/GEP: n.a., published	N	N		LIT	In the DAR (1998)
KCA 8.5	Vonk, J. W.	1988	EFFECT OF ETHOFUMESATE ON NITROGEN TRANSFORMATIONS IN SOIL TNO Division of Technology for Society, Delft, Netherlands Bayer CropScience, Report no.: A87623, Edition Number: M-161564-01-1 Date: 1988-02-22 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.6.1 /01	Rosinger, C. H.	2000	Screening data for ethofumesate (NC 008438 = AE B049913) Biological Research / Weed Science for AgrEvo GmbH, Frankfurt, Germany Bayer CropScience, Report no.: C048328, Edition Number: M-251642-01-1 Date: 2000-03-15 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In the Addendum to the DAR (2000)
KCA 8.8	Castillo, M. J.	1979	EFFECTS OF TECHNICAL ETHOFUMESATE ON THE PERFORMANCE OF ACTIVATED SLUDGE PROCESS Union Carbide Corporation, USA Bayer CropScience, Report no.: A83275, Edition Number: M-155544-01-1 Date: 1979-02-01 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 8.8	Neuhahn, A.	2011	Activated sludge, respiration inhibition test with Ethofumesate Currenta GmbH & Co. OHG, Leverkusen, Germany Bayer CropScience, Report no.: 2011/0146/01, Edition Number: M-421988-01-1 Date: 2011-12-14 GLP/GEP: yes, unpublished	N	Y	Required as old study does not comply with new data requirements	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

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KCA 8.9	Berenzen, N.; Kumke, T.; Schulz, H.; Schulz, R.	2004	Macroinvertebrate community structure in agricultural streams: impact of runoff-related pesticide contamination. Journal: Ecotoxicol. Environ. Saf., Volume: 60, Issue: 1, Pages: 37-46, Year: 2004, Report no.: M-458568-01-1, Edition Number: M-458568-01-1 Date: 2004-12-31 GLP/GEP: no, published ...also filed: KCA 7.5 /11	N	N		LIT	Submitted for the purpose of renewal (2014)
KCA 8.9	Bereswill, R.; Strelke, M.; Schulz, R.	2013	Current-use pesticides in stream water and suspended particles following runoff: exposure, effects, and mitigation requirements Journal: Environmental Toxicology and Chemistry, Volume: 32, Issue: 6, Pages: 1254-1263, Year: 2013, Report no.: M-462597-02-1, Edition Number: M-462597-02-1 Date: 2013-08-01 GLP/GEP: no, published ...also filed: KCA 7.5 /10	N	N		LIT	Submitted for the purpose of renewal (2014)
KCA 8.9	Liess, M.; Von Der Ohe, P.	2005	Analyzing effects of pesticides on invertebrate communities in streams. Journal: Environ. Toxicol. Chem., Volume: 24, Issue: 4, Pages: 954-965, Year: 2005, Report no.: M-458575-01-1, Edition Number: M-458575-01-1 Date: 2005-12-31 GLP/GEP: no, published ...also filed: KCA 7.5 /12	N	N		LIT	Submitted for the purpose of renewal (2014)
KCP Section 10	Barber, I.	1999	Ethofumesate suspension concentrate 500 g per L - Ecotoxicology bridging statement - AE B049913 00 SC45 A2 AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer CropScience, Report No.: C005358, Edition Number: M-191910-01-1 GLP/GEP: no, unpublished	N	N		Bayer CropScience	Submitted for the purpose of renewal (2014)
KCP 10.1.1.1		1998	Acute Oral Toxicity study with Ethofumesate 500 SC (Ethofumesate: 500 g/L) in Japanese Quails United Phosphorus Ltd., 2296/97-AOQ GLP: yes Published: no	Y	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.2.1	Banman, C. S.	2012	Toxicity of the formulation ethofumesate SC 500A G (ethofumesate 500 g/L) to the aquatic macrophyte, <i>Myriophyllum spicatum</i> Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: M-437702-02-1, Edition Number: M-437702-02-1 Date: 2012-08-29 ...Amended: 2013-05-22 GLP/GEP: yes, unpublished	N	Y	Required for risk assessment as <i>Myriophyllum spicatum</i> most sensitive aquatic species in studies on the active substance	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

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KCP 10.2.1	[REDACTED]	1989	TRAMAT (R) 500 - DETERMINATION OF ACUTE TOXICITY (LC50) TO MIRROR CARP (96 HOURS, SEMI- STATIC) AND THE ANALYSIS OF ETHOFUMESATE IN WATER SAMPLES [REDACTED] Bayer CropScience, Report No.: A83350, Report includes Trial Nos.: 140422 77B Edition Number: M-155619-01-1 Date: 1989-10-12 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCP 10.2.1	Cameron, B. D., Caley, C. Y., Chapleo, S., Mckenzie, J., McGuire, G. M.	1989	TRAMAT (R) 500 - DETERMINATION OF ACUTE TOXICITY (LC50) TO DAPHNIA (48 HOURS STATIC) AND THE ANALYSIS OF ETHOFUMESATE IN WATER SAMPLES Inveresk Research Int. Ltd., Tranent, Scotland Bayer CropScience, Report No.: A83348, Report includes Trial Nos.: 140443 68B Edition Number: M-155617-01-1 Date: 1989-10-12 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCP 10.2.1	[REDACTED]	1988	THE ACUTE TOXICITY OF NORTRON 50 SC (ETHOFUMESATE) TO ZEBRA FISH (<i>Brachydanio rerio</i>) [REDACTED] Bayer CropScience, Report No.: A83338, Report includes Trial Nos.: 64B Edition Number: M-155607-01-1 Date: 1988-12-22 GLP/GEP: yes, unpublished	Y	N		Bayer CropScience	In the DAR (1998)
KCP 10.2.1	Knacker, T.	1989	A STUDY OF THE TOXICITY TO ALGAE OF ETHOFUMESATE 50 SC Battelle-Institut e.V., Frankfurt am Main, Germany Bayer CropScience, Report No.: A83342, Report includes Trial Nos.: 71B BE-EA-12-89-01-ALG-2- Edition Number: M-155611-01-1 Date: 1989-08-03 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCP 10.2.1	Hoffmann, K., Deierling, T.	2010	Toxicity of Ethofol 500 SC (HBX01) to the Aquatic Plant <i>Lemna gibba</i> in a Static Growth Inhibition Test United Phosphorus Ltd., 56172240 IBACON GmbH, Rossdorf, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 10.2.1		1997	Acute Toxicity of Ethofumesate 500 SC (500 g/L) against <i>Oncorhynchus mykiss</i> AgroDan, 5548 GLP: yes Published: no	Y	Y	New data for existing formulation, not previously submitted nor evaluated	AGR*	Submitted for the purpose of renewal (2014)
KCP 10.2.1	Pors, J.	1997a	The Effect of Ethofumesate 500 SC on the <i>Daphnia magna</i> acute test AgroDan, 5591 Hedeselskabet 's Laboratory, DK-8800 Viborg, Denmark GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	AGR*	Submitted for the purpose of renewal (2014)
KCP 10.2.1	Pors, J.	1997b	The Effect of Ethofumesate 500 SC on the Growth rate of the alga <i>Chlorella vulgaris</i> AgroDan, 96146, 5600 Hedeselskabet 's Laboratory, DK-8800 Viborg, Denmark GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	AGR*	Submitted for the purpose of renewal (2014)
KCP 10.2.1	Scheerbaum, D.	2013	Phytotoxicity Test with the Rooted Submerge Aquatic Macrophyte <i>Myriophyllum aquaticum</i> , Static, 7 - 10 d United Phosphorus Ltd., SMA15459 DR.U.NOACK-LABORATORIEN, Sarstedt, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.2.1	Ruymen, V.	2003	Alga growth inhibition test with Ethofumesate 500 g/L SC LISEC nv, Genk, Belgium, Study no. WE-06-391 GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.2.2	Barber, I	1991	DETERMINATION OF THE EFFECTS OF TRAMAT ON THE LIFE CYCLE OF <i>Daphnia magna</i> STRAUS Schering AG, Berlin, Germany Bayer CropScience, Report No.: A83364, Report includes Trial Nos.: 81B Edition Number: M-155633-01-1 Date: 1991-08-09 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCP 10.3.1.1.1	Barber, I	1995	ETHOFUMESATE SUSPENSION CONCENTRATE 500 G/L CR 18654 TRAMAT 500 LABORATORY TESTS ON THE EFFECT TO HONEYBEES (<i>Apis mellifera</i>) Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A83401, Edition Number: M-155669-01-1 Date: 1995-03-08 GLP/GEP: no, unpublished ...also filed: KCP 10.3.1.1.2 /01	N	N		Bayer CropScience	In the DAR (1998)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 10.3.1.1.1	Schmitzer, S.	2011	Effects of ethofumesate SC 500 G (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 63931035, Edition Number: M-421700-01-1 Date: 2011-12-15 GLP/GEP: yes, unpublished ...also filed: KCP 10.3.1.1.2 /02	N	Y	Required due to deficiencies in previous studies	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCP 10.3.1.1.1	Mallikarjunappa, S.	1998	Honeybee - Acute oral Toxicity test with Ethofumesate 500 SC (Ethofumesate 500 g/L) United Phosphorus Ltd., 2295/97 Rallis Research Centre, Bangalore, India GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.3.1.1.2	Barber, I.	1995	ETHOFUMESATE SUSPENSION CONCENTRATE 500 G/L CR 18654 TRAMAT 500 LABORATORY TESTS ON THE EFFECT TO HONEYBEES (<i>Apis mellifera</i>) Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: A83401, Edition Number: M-155669-01-1 Date: 1995-03-08 GLP/GEP: no, unpublished ...also filed: KCP 10.3.1.1.1 /01	N	N		Bayer CropScience	In the DAR (1998)
KCP 10.3.1.1.2	Schmitzer, S.	2011	Effects of ethofumesate SC 500 G (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 63931035, Edition Number: M-421700-01-1 Date: 2011-12-15 GLP/GEP: yes, unpublished ...also filed: KCP 10.3.1.1.1 /02	N	Y	Required due to deficiencies in previous studies	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCP 10.3.1.1.2	Schmitzer, S.	2010	Effects of Ethofol 500 SC (HBX01) (Acute Contact Test) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory United Phosphorus Ltd., 56173035 IBACON GmbH, Rossdorf, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.3.1.1.2	Kleebaum, K.	2014	Chronic toxicity of Ethofol 500 SC to the honeybee <i>Apis mellifera</i> L. under laboratory conditions United Phosphorus Ltd., 13 10 48 017 B BioChem Agrar, Gerichshain, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.3.1.1.3	Schmitzer, S.	2013	Study on the effects of ethofumesate SC 500A G on honey bee brood (<i>Apis mellifera</i> L.) - Brood feeding test - Institut fuer Biologische Analytik und Consulting IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report no.: 71411031, Edition Number: M-454691-01-1 Date: 2013-05-07 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 10.3.1.1.3	Schmitzer, S.	2012	Study on the effects of Ethofol 500 SC (HBX01) on honey bee brood (<i>Apis mellifera</i> L.) - Brood Feeding Test - United Phosphorus Ltd., 63831031 IBACON GmbH, Rossdorf Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.3.2.1	Kuehner, C.	1990	Side effects of TRAMAT 500 on the lacewing <i>Chrysoperla carnea</i> STEPH. in the laboratory IFU Umweltanalytik GmbH; Bayer CropScience, Report No.: A89489, Report includes Trial Nos.: 026/02-Cc Edition Number: M-155645-01-2 Date: 1990-08-03 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCP 10.3.2.1	Mead-Briggs, M. A.	1991	AN EVALUATION OF THE SIDE-EFFECTS OF TRAMAT 500 SC ON THE STAPHYLINID BEETLE (<i>Aleochara bilineata</i>) University of Southampton, Agrochemicals Evaluation Unit AEU, Southampton, United Kingdom Bayer CropScience, Report No.: A83379, Report includes Trial Nos.: ENVIR 92b Edition Number: M-155647-01-1 Date: 1991-12-23 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCP 10.3.2.1	Roembke, J.	1990	A STUDY OF THE ACUTE TOXICITY OF TRAMAT 500 (NORTON 50 SC) TO THE CARABID <i>Poecilus cupreus</i> Battelle-Institut e.V., Frankfurt am Main, Germany Bayer CropScience, Report No.: A83354, Report includes Trial Nos.: BE-E-05-89-2-CAK3 Edition Number: M-155623-01-1 Date: 1990-03-26 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCP 10.3.2.1	Waltersdorfer, A.	2002	Toxicity to the parasitoid wasp <i>Aphidius rhopalosiphii</i> (DeStephani-Perez) (Hymenoptera: Braconidae) in the laboratory Ethofumesate water miscible suspension concentrate, 500 g/L Code: AE B049913 00 SC45 A202 Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C028582, Edition Number: M-215537-01-1 Date: 2002-12-10 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 10.3.2.1	Waltersdorfer, A.	2002	Toxicity to the predatory mite <i>Typhlodromus pyri</i> SCHEUTEN (Acari, Phytoseiidae) in the laboratory Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A202 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C023481, Edition Number: M-215086-01-1 Date: 2002-07-03 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	Submitted for the purpose of renewal (2014)
KCP 10.3.2.1	Moll, M.	2011	Effects of Ethofol 500 SC on the parasitoid <i>Aphidius rhopalosiphii</i> in the laboratory - Dose Response Test - United Phosphorus Ltd., 63551001 IBACON GmbH, Rossdorf, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.3.2.1	Schwarz, A.	2011	Effects of Ethofol 500 SC on the predatory mite <i>Typhlodromus pyri</i> in the laboratory -Dose Response Test- United Phosphorus Ltd., 19.04.2011-30.05.2011, 63552063 IBACON GmbH, Rossdorf Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.4.1	Kuhner, C.	1991	Acute Toxicity of TRAMAT 500 to the Compost Worm <i>Eisenia foetida</i> (Artificial Soil Test) IFU Umweltanalytik GmbH; Bayer CropScience, Report No.: A89488, Report includes Trial Nos.: 026/01-Ef Edition Number: M-155632-01-2 Date: 1991-01-14 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCA 10.4.1.1	Sowig, P.; Gosch, H.	1999	Effects on growth and reproduction of earthworms (<i>Eisenia fetida</i>) Ethofumesate water miscible suspension concentrate 500 g/L Code: AE B049913 00 SC45 A103 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report no.: C003978, Edition Number: M-187147-01-1 Date: 1999-07-30 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	In the Addendum to the DAR (2000)
KCP 10.4.1.1	Luehrs, U.	2011	Ethofumesate SC 500 G: Effects on reproduction and growth of earthworms <i>Eisenia fetida</i> in artificial soil IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 64121022, Edition Number: M-409272-01-1 Date: 2011-06-14 GLP/GEP: yes, unpublished	N	Y	Needed for risk assessment. Old study does not fulfil the new data requirements.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCP 10.4.1.1	Lührs, U.	2011a	Effects of Ethofol 500 SC on reproduction and growth of earthworms <i>Eisenia fetida</i> in artificial soil with 5% peat United Phosphorus Ltd., 63554022 IBACON GmbH, Rossdorf Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 10.4.1.1	Stabler, D.	2002	Ethofol 500 SC: Assessment of effects on reproduction and growth on <i>Eisenia fetida</i> in artificial soil United Phosphorus Ltd., 20021052/01-NRef GAB Biotechn. GmbH & IFU Umweltanalytik GmbH, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.4.1.1	Witte, B.	2013	Effects of Ethofol 500 SC on reproduction and Growth of Earthworms <i>Eisenia fetida</i> in Artificial Soil with 5% Peat (Spraying Application) (including amendment) United Phosphorus Ltd., 81041022 IBACON GmbH, Rossdorf, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.4.2.1	Frommholz, U.	2011	Ethofumesate SC 500 G: Influence on the reproduction of the collembolan species <i>Folsomia candida</i> tested in artificial soil Bayer CropScience, Report No.: FRM-COLL-129/11, Edition Number: M-420052-01-1 Date: 2011-12-15 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCP 10.4.2.1	Kratz, M.A.	2011	Ethofumesate SC 500 G: Influence on mortality and reproduction on the soil mite species <i>Hypoaspis aculeifer</i> tested in artificial soil Bayer CropScience, Report No.: KRA-HR-54/11, Edition Number: M-417391-01-1 Date: 2011-11-18 GLP/GEP: yes, unpublished	N	Y	New regulatory requirement	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCP 10.4.2.1	Ganßmann, M.	2012	Effects of Ethofumesate 500 g/L SC on reproduction of the predatory mite <i>Hypoaspis aculeifer</i> in artificial soil with 5% peat AgriChem B.V., 74803089 IBACON GmbH, Rossdorf Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	ACM*	Submitted for the purpose of renewal (2014)
KCP 10.4.2.1	Lührs, U.	2011b	Effects of Ethofol 500 SC on reproduction of the collembola <i>Folsomia candida</i> in artificial soil with 5% peat United Phosphorus Ltd., 63553016 IBACON GmbH, Rossdorf, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCA 10.4.2.2	Lechelt-Kunze, C.	2003	Ethofumesate SC45 (AE B049913 00 SC45 A203): Effects on soil litter degradation Bayer CropScience, Report no.: C035996, Report includes Trial Nos.: E4272323-4 Edition Number: M-219686-01-1 Date: 2003-08-25 GLP/GEP: yes, unpublished	N	N		Bayer CropScience	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 10.5	Ruiz-Romera, E.; Munoz-Leoz, B.; Garbisu, C.; Antiguedad, I.	2012	Fertilization can modify the non-target effects of pesticides on soil microbial communities. Journal: Soil Biol. Biochem., Pages: 125-134, Year: 2012, Report No.: M-458656-01-1, Edition Number: M-458656-01-1 Date: 2012-12-31 GLP/GEP: no, published	N	N		LIT	Submitted for the purpose of renewal (2014)
KCP 10.5	Ruiz-Romera, E.; Antiguedad, I.; Garbisu, C.; Munoz-Leoz, B.; Charcosset, J.; Sanchez-Perez, J.	2013	Non-target effects of three formulated pesticides on microbially-mediated processes in a clay-loam soil. Journal: Sci. Total Environ., Volume: 449, Pages: 345-354, Year: 2013, Report No.: M-462303-01-1, Edition Number: M-462303-01-1 Date: 2013-05-14 GLP/GEP: no, published	N	N		LIT	Submitted for the purpose of renewal (2014)
KCP 10.5	Schulz, L.	2011	Ethofumesate SC 500 G: Effects on the activity of soil microflora (nitrogen transformation test) BioChem Agrar GmbH, Gerichshain, Germany Bayer CropScience, Report No.: 11 10 48 059 N, Edition Number: M-419266-01-1 Date: 2011-12-07 GLP/GEP: yes, unpublished	N	Y	Available studies did not cover the intended application rates for the representative formulation.	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCP 10.5	Feil, N.	2010	Effects of Ethofol 500 SC (HBX01) on the Activity of the Soil Microflora in the Laboratory United Phosphorus Ltd., 56176080 IBACON GmbH, Rossdorf, Germany GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.6.1	Thuer-waechter, F.	1999	Effect of three betanal formulations on non target terrestrial plants Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C005554, Edition Number: M-192273-01-1 Date: 1999-10-01 GLP/GEP: no, unpublished	N	N		Bayer CropScience	In the DAR (1998)
KCP 10.6.2	Christ, M. T.	2003	Effect on Vegetative Vigor of Non-Target Terrestrial Plants (Tier II); AE B049913; Suspension Concentrate (43.8% w/w) Bayer CropScience LP, RTP, NC, USA Bayer CropScience, Report No.: B004218, Report includes Trial Nos.: 02XB28225 Edition Number: M-241176-01-1 EPA MRID No.: 45874701 Date: 2003-02-28 GLP/GEP: yes, unpublished	N	Y	Required for herbicides according to the data requirements for chemical preparations (284/2013) under 1107/2009	Bayer CropScience	Submitted for the purpose of renewal (2014)

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 10.6.2	Christ, M. T.	2003	Effect on Seedling Emergence of Non-Target Terrestrial Plants (Tier II): AE B049913; Suspension Concentrate (43.8% w/w) Bayer CropScience LP, RTP, NC, USA Bayer CropScience, Report No.: B004219, Report includes Trial Nos.: 02XB28224 Edition Number: M-241177-01-1 EPA MRID No.: 45874702 Date: 2003-02-28 GLP/GEP: yes, unpublished	N	Y	Required for herbicides according to the data requirements for chemical preparations (284/2013) under 1107/2009	Bayer CropScience	Submitted for the purpose of renewal (2014)
KCP 10.6.2	Gosch, H.	2009	Ethofumesate SC 500 g/L: Effect on the seedling emergence and growth of ten species of non-target terrestrial plants (Tier 2) Bayer CropScience, Report No.: SE09/051, Edition Number: M-358944-01-1 Date: 2009-11-19 GLP/GEP: yes, unpublished	N	Y	Conducted to obtain definitive endpoints in addition to seedling emergence study from 2003 (M-241177-01-1)	TaskForce Ethofumesate	Submitted for the purpose of renewal (2014)
KCP 10.6.2	Bramby-Gunary, J.	2004a	Evaluation of the Phytotoxicity of Ethofol formulation (500 g/L Ethofumesate) (Based on OECD Guideline 208 B) Vegetative Vigour Test Terrestrial Non Target Plants - GLP Study United Phosphorus Ltd., ACE-04-075 Agrochemex Ltd, Manningtree, Essex, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)
KCP 10.6.2	Bramby-Gunary, J.	2004b	Evaluation of the Phytotoxicity of Ethofol formulation (500 g/L Ethofumesate) (Based on OECD Guideline 208 A) Seedling emergence Terrestrial Non Target Plants - GLP Study United Phosphorus Ltd., ACE-04-074 Agrochemex Ltd, Manningtree, Essex, UK GLP: yes Published: no	N	Y	New data for existing formulation, not previously submitted nor evaluated	UPL	Submitted for the purpose of renewal (2014)

*Studies conducted for AgroDan or AgriChem are now owned by United Phosphorus Ltd.

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LIT = public literature