

European Commission

**Renewal Assessment Report of the Inclusion of the
Active Substance in Annex I of the
Regulation (EC) 1107/2009**



Volume 2

Oxamyl

Active substance and Product data

Rapporteur Member State: Italia
Co-Rapporteur Member State: France

January 2018

VERSION HISTORY

Date	Data points containing amendments or additions	Document identifier or version number

TABLE OF CONTENTS

VOLUME 2		5
1.1	Identiy.....	5
1.2	Physical and chemical properties.....	5
1.3	Data on application and efficacy	10
1.4	Futher information.....	12
1.5	Methods of analysis.....	13
1.6	Toxicology and metabolism data and assessment of risk for humas.....	31
1.7	Residue data	49
1.8	Environmental fate and behaviour and environmental exposure assessment.....	61
1.9	Ecotoxicology data and assessment of risks for non-target species	75

VOLUME 2

REFERENCE LIST

Studies marked in yellow are submitted for the first time.

1.1 Identity

Submitted studies are presented in Volume 4 (Confidential information).

1.2 Physical and chemical properties

Active substance

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.2.1	Jackson, W.A.	2004	DPX-D1410: Laboratory study of melting point and decomposition point Syngenta Technology and Projects DuPont-14983 GLP: Yes Published: No	N	Y	Conducted to meet guidelines. The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.2.2	Harsh, N.V.	2009	Oxamyl (DPX-D1410-196): Laboratory study of vapour pressure International Institute of Biotechnology and Toxicology (IIBAT) DuPont-26259 GLP: Yes Published: No	N	Y	Conducted to meet guidelines. The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.2.2	Malin, J.N.	2014	Oxamyl (DPX-D1410): Volatility, calculation of Henry's law constant DuPont Stine-Haskell Research Center DuPont-38270 GLP: No Published: No	N	N		DuPont
B.2.3	Piasentini de Campos, L.F.	2006	Physical state, appearance and color of oxamil técnico BIOAGRI Laboratories RF - 0014.001.256.06 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.2.4.1	Schmuckler, M.E.	2002	Oxamyl (DPX-D1410): ¹³ C-NMR spectrum DuPont Stine-Haskell Research Center DuPont-11446, Revision No. 1 GLP: No Published: No	N	N		DuPont
B.2.7	Birmschein, K.	2014	Oxamyl (DPX-D1410): Partition coefficient (shake flask method) Eurofins Agrosience Services EcoChem GmbH DuPont-39338 GLP: Yes Published: No	N	Y	Conducted to meet guidelines. The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.2.7	Schmuckler, M.E.	2000	Bioconcentration factor (BCF) of IN-A2213, IN-D2708, IN-N0079, and IN-T2921 DuPont Stine-Haskell Research Center DuPont-4358 GLP: No Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.2.8	Harsh, N.V.	2009	Oxamyl (DPX-D1410): Laboratory study of dissociation constant International Institute of Biotechnology and Toxicology (IIBAT) DuPont-26918 GLP: Yes Published: No	N	Y	Conducted to meet guidelines. The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.2.9	Jackson, W.	2004	Relative self-ignition temperature of oxamyl (DPX-D1410) technical (98% w/w) Syngenta Technology and Projects DuPont-14828 GLP: Yes Published: No	N	Y	Conducted to meet guidelines. The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.2.13	Birschein, K.	2014	Oxamyl (DPX-D1410): Oxidizing properties (solids) Eurofins Agroscience Services EcoChem GmbH DuPont-40352 GLP: Yes Published: No	N	Y	Conducted to meet guidelines. The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont

Plant Protection Product – Oxamyl 10GR

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.2.1 B.2.4 B.2.6 B.2.7 B.2.8.5.2 B.2.8.5.3 B.2.8.5.4	Clipston, A.S.	2015	Oxamyl 10G granular formulation (DPX-D1410): Laboratory study of physical and chemical properties Charles River Laboratories (UK) DuPont-39557 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Plant Protection Product – Oxamyl 10SL

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.2.1 B.2.4 B.2.5 B.2.6 B.2.7 B.2.8.2 B.2.8.4	Bloemer, D.S.	2002	Oxamyl 100g/liter soluble concentrate insecticide formulation: Laboratory study of physical, chemical and technical properties DuPont Stine-Haskell Research Center DuPont-6603, Revision No. 1 GLP: Yes Published: No	N	Y	Data protection on a MS by MS basis. The study provides additional data for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in all MS	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.2.1 B.2.4 B.2.7 B.2.8.4	Shanthaveerappa, K.S.	2011	Oxamyl 100 g/L soluble concentrate (SL) insecticide formulation: Laboratory study of physical chemical and technical properties with accelerated storage performed in a high density polyethylene (HDPE) container Advinus Therapeutics Limited DuPont-32987 GLP: Yes Published: No	N	Y	Data protection on a MS by MS basis. The study provides additional data for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in all MS	DuPont
B.2.2 B.2.3	Livingston, I.	2015	Oxamyl 100 g/L soluble concentrate (SL) formulation: Laboratory study of flash point, autoflammability, oxidizing and explosive properties of liquids Chilworth Technology Limited DuPont-41655 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.2.4	Robson, D.D.	2012	Oxamyl (DPX-D1410 100 g/L SL) and Methomyl (DPX-X1179 200g/L SL): Laboratory study undiluted pH DuPont Stine-Haskell Research Center DuPont-35139 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.2.5	Bates, M.L.	2001	Oxamyl 100 g/L soluble concentrate (SL) insecticide/nematicide formulation [DPX-D1410-424]: Evaluation of surface tension Covance Laboratories (UK) DuPont-6605 GLP: Yes Published: No	N	Y	Data protection on a MS by MS basis. The study provides additional data for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in all MS	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.2.7	Robson, D.D.	2012	Oxamyl 100g/liter soluble concentrate insecticide formulation: Laboratory study of storage stability DuPont Stine-Haskell Research Center DuPont-6604, Revision No. 1 GLP: No Published: No	N	N		DuPont
B.2.7	Shanthaveerappa, K.S.	2013	Oxamyl 100 g/L soluble concentrate (SL) insecticide formulation: Laboratory study of shelf-life stability in a high density polyethylene (HDPE) container Advinus Therapeutics Limited DuPont-32988 GLP: Yes Published: No	N	Y	Data protection on a MS by MS basis. The study provides additional data for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in all MS	DuPont

1.3 Data on application and efficacy

Active substance

No new studies submitted.

Plant Protection Product – Oxamyl 10GR

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Owner
B.3/01	Flier, W.	2015	Summary of efficacy data of the plant protection products: Oxamyl 10GR (100 g/kg), granular formulation, Oxamyl 10SL (100 g/L), soluble liquid formulation, Active substance: Oxamyl, efficacy information, supplemental submission in support of renewal E. I. DuPont de Nemours and Company DuPont-42980 EU GLP: No Published: No	N	N	DuPont

Plant Protection Product – Oxamyl 10SL

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Owner
B.3/01	Flier, W.	2015	Summary of efficacy data of the plant protection products: Oxamyl 10GR (100 g/kg), granular formulation, Oxamyl 10SL (100 g/L), soluble liquid formulation, Active substance: Oxamyl, efficacy information, supplemental submission in support of renewal E. I. DuPont de Nemours and Company DuPont-42980 EU GLP: No Published: No	N	N	DuPont

1.4 Further information

Active substance

No new studies submitted.

Plant Protection Product – Oxamyl 10GR

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Owner
B.4.2/01	Peleshanko, S.	2015	Oxamyl 10G granular formulation (DPX-D1410): Laboratory study of cleanout procedure Stine-Haskell Research Center (USA) DuPont-44047 GLP: No Published: No	N	N	DuPont

Plant Protection Product – Oxamyl 10SL

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Owner
B.4.2/01	Peleshanko, S.	2015	Oxamyl 10L soluble concentrate formulation (DPX-D1410): Laboratory study of spray tank cleanout Stine-Haskell Research Center (USA) DuPont-44045 GLP: No Published: No	N	N	DuPont

1.5 Methods of analysis***Active substance***

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.1.1/01	Pandey, S., McNally, M.E.P.	2015f	Determination of oxamyl (DPX-D1410) in technical grade oxamyl and end-use products DuPont-42001 GLP: No Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.1.1/02	Pandey, S.	2015b	Validation of the analytical method for determination of oxamyl (DPX- D1410) in technical grade oxamyl and oxamyl end-use products by reverse phase high performance liquid chromatography (RPLC) and ultra performance liquid chromatography (UPLC) Syngene DuPont-36605 and DuPont-36605 Confidential attachment GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.1/01	Nanita, S.C.	2009	Analytical method for the determination of oxamyl and its oxime metabolite in soil using LC/MS analysis DuPont Experimental Station DuPont-2392, Revision No. 1 GLP: No Published: No	N	N		DuPont
B.5.1.2.1/02	Stry, J.J.	2000	Independent laboratory validation of method number DuPont-2392, "Analytical method for the determination of oxamyl and its oxime metabolite in soil using LC/MS analysis" DuPont Experimental Station DuPont-3738 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.1/03	Zietz, E.	2002	Field soil dissipation of oxamyl nematocide and insecticide applied as Vydate 10 L by means of drip irrigation to cucurbits in a greenhouse in Italy - Season 2000 Institut Fresenius Chemische und Biologische/GmbH DuPont-4800 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP	DuPont
B.5.2.1/01	Françon, B., Jernberg, K.M., Jetzer, M., Steiner, C.	2001	Method validation of the Netherlands multi-residue method 2 (MRM 2, submethod 1: N-Methylcarbamate pesticides) for the determination of oxamyl in vegetable and fruit crops Battelle Europe-Centre de Recherche de Geneve DuPont-4722 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.5.2.1/02	Bacher, R.	2001	Analytical method for the determination of oxamyl and methomyl in animal food stuffs PTRL Europe DuPont-5132 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.2.1/03	Lissemore, L., Harris, A., Patterson, C.	2014b	QuEChERS multiresidue method trials for DPX-D1410, DPX-X1179 and DPX-Q8U80 in crop matrices University of Guelph-Ontario DuPont-41730 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.2.1/04	Schernikau, N., Colorado, C.S.	2015	Independent laboratory validation of DuPont-41730 and DuPont-41763, "Analytical method for the determination of oxamyl (DPX-D1410) and methomyl (DPX-X1179) in crop and animal matrices by LC/ESI-MS/MS" Eurofins Agroscience Services Chem GmbH DuPont-41873 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.2.1/05	Cochrane, J.	2015	Determination of the Extraction Efficiency of [14C] DPX-D1410 Residue Methods: QuEChERS (DuPont-41730) and Crop Method (DuPont-17601 RV.1) DuPont-44316 GLP: Yes Published: No	N	N		
B.5.2.2/01	Henze, R.M., Klems, J.P.	2014b	Analytical method for the determination of oxamyl in liver, milk, eggs, fat and muscle using LC/MS/MS DuPont Stine-Haskell Research Center DuPont-38597 GLP: No Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.2.2/02	Fiorito, B.	2014	Independent Laboratory Validation of DuPont-38597 "Analytical method for the determination of oxamyl in liver, milk, eggs, fat and muscle using HPLC/MS/MS" Alliance Pharma DuPont-39679 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.2.2/03	Lissemore, L., Harris, A., Patterson, C.	2014a	QuEChERS multiresidue method trials for DPX-D1410, DPX-X1179 and DPX-Q8U80 in animal tissues University of Guelph-Ontario DuPont-41763 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.2.2/04	Schernikau, N., Colorado, C.S.	2015	Independent laboratory validation of DuPont-41730 and DuPont-41763, "Analytical method for the determination of oxamyl (DPX-D1410) and methomyl (DPX-X1179) in crop and animal matrices by LC/ESI-MS/MS" Eurofins Agrosience Services Chem GmbH DuPont-41873 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.2.3/01	Henze, R.M., Klems, J.P.	2014a	Analytical method for the determination of oxamyl in soil using LC/MS/MS DuPont Stine-Haskell Research Center DuPont-38689 GLP: No Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.2.4/01	Hill, S.J., Maliszewski, P.P., Stry, J.J.	2001	Analytical method for the determination of oxamyl in water using LC/MS/MS DuPont Stine-Haskell Research Center DuPont-5677 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.5.2.4/02	Connolly, P.	2001	Independent laboratory validation of method number DuPont-5677, analytical method for the determination of oxamyl in water using LC/MS/MS Centre Analytical Laboratories, Inc. DuPont-6157 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.5.2.4/03	Klems, J.P.	2014a	Analytical method for the determination of oxamyl in water using LC/MS/MS DuPont Stine-Haskell Research Center DuPont-5677, Supplement No. 2 GLP: No Published: No	N	N		DuPont
B.5.2.4/04	Klems, J.P.	2014b	Analytical method for the determination of oxamyl in blood using LC/MS/MS DuPont Stine-Haskell Research Center DuPont-38598, Revision No. 1 GLP: No Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.2.5/01	Bacher, R.	2000	Development and validation of an analytical method for the determination of oxamyl and methomyl in air PTRL Europe DuPont-4564 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.5.2.6/01	Klems, J.P.	2014b	Analytical method for the determination of oxamyl in blood using LC/MS/MS DuPont Stine-Haskell Research Center DuPont-38598, Revision No. 1 GLP: No Published: No	N	N		DuPont
B.5.1.2.13/01	Françon, B., Jetzer, M., Matthey, C.	2000	Method validation for the determination of oxamyl and its oxime metabolite in different crops Battelle Europe-Centre de Recherche de Geneve DuPont-3702 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.5.1.2.13/02	Doran, A.M., Cairns, S.D., McGuire, G.M., Vance, C.J.	2003	Validation of an analytical method for the determination of oxamyl in potatoes using LC-MS Inveresk Research International (IRI) Limited (Scotland) DuPont-11125 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.13/03	Chapleo, S., Johnson, J.	2014	The metabolism of ¹⁴ C-oxamyl in tomato plants Charles River Laboratories (UK) DuPont-32188 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.13/04	Cairns, S.D., Davidson, J.	2006	Validation of an analytical method for the determination of oxamyl in green, dried and fermented tobacco leaves Inveresk Research DuPont-17601 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.13/05	Cairns, S.	2012	Method validation for the analysis of oxamyl (DPX-D1410) in representative crop commodities using LC-MS/MS Charles River Laboratories (UK) DuPont-33191 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.13/06	Chapleo, S., Johnson, J.	2014	The metabolism of ¹⁴ C-oxamyl in tomato plants Charles River Laboratories (UK) DuPont-32188 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.15/01	Schwarz, A., Eichler, M.	2014	Field study on residues in arthropods, earthworms and seedlings (wildlife food items) IBACON DuPont-40221 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.15/02	Cairns, S.	2012	Method validation for the analysis of oxamyl (DPX-D1410) in representative crop commodities using LC-MS/MS Charles River Laboratories (UK) DuPont-33191 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.15/03	Chapleo, S., Johnson, J.	2014	The metabolism of ¹⁴ C-oxamyl in tomato plants Charles River Laboratories (UK) DuPont-32188 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.15/04	Meinerling, M.	2014	Oxamyl (DPX-D1410) technical (98% w/w): Accumulation and elimination in earthworms (<i>Eisenia fetida</i>) in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-38477 GLP: Yes Published: No	N	Y	Data protection on a MS by MS basis. The study provides additional data for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in all MS.	DuPont
B.5.1.2.15/05	McClory, J.P.	2004	Analytical method for the determination of oxamyl and IN-A2213 metabolite in soil using LC/MS/MS TNO Nutrition and Food Research DuPont-7191, Revision No. 1 GLP: No Published:	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.15/06	Scherer, F.	2015	Oxamyl (DPX-D1410) 10GR: Investigating the deposition of dust from in-furrow application of granules containing oxamyl and determination of residues of oxamyl in guttation fluid of potato in United Kingdom during 2014 Eurofins Agrosience Services EcoChem GmbH DuPont-38691 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.15/07	Berg, C.	2015a	Oxamyl (DPX-D1410) 10GR [100 g/kg (w/w)]: A semi-field study to evaluate effects on the bumble bee (<i>Bombus terrestris</i> L; Hymenoptera, Apidae) in <i>Solanum tuberosum</i> in Germany in 2014 DuPont-39666 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.15/08	Berg, C.	2015b	Oxamyl (DPX-D1410) 10GR [100 g/kg]: A semi-field study to evaluate effects on the brood of honey bees (<i>Apis mellifera</i> ; Hymenoptera, Apidae) in <i>Phacelia tanacetifolia</i> in Germany 2014 Eurofins Agrosience Services EcoChem GmbH DuPont-39667 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.15/09	Mack, P., Knabe, S.	2015	Guttation residues after in-furrow application to sugar beet Eurofins Agrosience Services EcoChem GmbH DuPont-41322, Revision No. 1 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.16/02	Brougher, D.S.	2013	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with the cladoceran (<i>Ceriodaphnia dubia</i>) Wildlife International Ltd. (USA) DuPont-37399 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/01	Brougher, D.S., Martin, K.H., Gallagher, S.P., Bodle, E.S.	2013a	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with <i>Hyalella azteca</i> Wildlife International Ltd. (USA) DuPont-37397 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/03	Brougher, D.S., Martin, K.H., Gallagher, S.P., Bodle, E.S.	2013b	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with <i>Chironomus tentans</i> Wildlife International Ltd. (USA) DuPont-37400 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/04	Brougher, D.S., Martin, K.H., Gallagher, S.P., Krueger, H.O.	2013a	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with the mayfly (<i>Centroptilum triangulifer</i>) Wildlife International Ltd. (USA) DuPont-37401 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.16/05	Brougher, D.S., Martin, K.H., Gallagher, S.P., Krueger, H.O.	2013b	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with the caddisfly (<i>Chimarra atterima</i>) Wildlife International Ltd. (USA) DuPont-37402 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/06	[REDACTED]	2000b	Oxamyl 10L: Static, acute, 96-hour, (LC ₅₀) test to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-2910 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP	DuPont
B.5.1.2.16/07	[REDACTED]	2000c	Oxamyl 10L: Static-renewal, acute, 96-hour, (LC ₅₀) test to bluegill sunfish, <i>Lepomis macrochirus</i> [REDACTED] DuPont-2911 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP	DuPont
B.5.1.2.16/08	Ward, T.J., Magazu, J.P., Boeri, R.L.	2000a	Oxamyl 10L: Acute, static-renewal, 48-hour EC ₅₀ to <i>Daphnia magna</i> T.R. Wilbury Laboratories, Inc. DuPont-2556 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP	DuPont
B.5.1.2.16/09	Boeri, R.L., Ward, T.J.	2000	Oxamyl 10L: Influence on growth and growth rate of the alga, <i>Selenastrum capricornutum</i> T.R. Wilbury Laboratories, Inc. DuPont-3913 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.16/10		2012b	Oxamyl (DPX-D1410) technical (98% w/w): Early life-stage toxicity test with the sheepshead minnow, <i>Cyprinodon variegatus</i> , under flow-through conditions DuPont-34270 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/11	Hicks, S.L.	2013	Oxamyl (DPX-D1410) technical (98% w/w): Life-cycle toxicity test of the saltwater mysid, <i>Americamysis bahia</i> , conducted under flow-through conditions ABC Laboratories, Inc. (Missouri) DuPont-34269 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/12	Rebstock, M.	2012b	Oxamyl (DPX-D1410) technical (98% w/w): Acute toxicity with the mysid shrimp, <i>Americamysis bahia</i> , determined under flow-through test conditions ABC Laboratories, Inc. (Missouri) DuPont-34271 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/13		2012a	Oxamyl technical (DPX-D1410): Short term reproduction assay with the fathead minnow, <i>Pimephales promelas</i> , determined under flow-through conditions DuPont-31031 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.16/14		2015	Oxamyl (DPX-D1410) technical: 21-D amphibian metamorphosis assay (AMA) with south African clawed frog, <i>Xenopus laevis</i> DuPont-31032, Revision No. 1 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/15	Rebstock, M.	2012a	Oxamyl (DPX-D1410) technical (98% w/w): 7-day growth inhibition test with the freshwater aquatic plant, duckweed, <i>Lemna gibba</i> ABC Laboratories, Inc. (Missouri) DuPont-34272 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/16	Hicks, S.L.	2012c	Oxamyl (DPX-D1410) technical (98% w/w): Effect on new shell growth of the eastern oyster (<i>Crassostrea virginica</i>) ABC Laboratories, Inc. (Missouri) DuPont-34273 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/17	Bergfield, A.	2012a	Oxamyl (DPX-D1410) 24SL: A greenhouse study to investigate the effects on seedling emergence and growth of tomato, <i>Lycopersicon esculentum</i> , following soil exposure ABC Laboratories, Inc. (Missouri) DuPont-34274 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.16/18	Bergfield, A.	2012b	Oxamyl (DPX-D1410) 24SL: A greenhouse study to investigate the effects on vegetative vigor of ten terrestrial plant species following foliar exposure ABC Laboratories, Inc. (Missouri) DuPont-34275 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/19	Brougher, D.S., Martin, K.H., Gallagher, S.P., Bodle, E.S.	2013c	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with the cladoceran (<i>Daphnia pulex</i>) Wildlife International Ltd. (USA) DuPont-37398 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/20	Schmitt, H.	2014	Oxamyl (DPX-D1410) technical (98% w/w): Assessment of effects to the honeybee, <i>Apis mellifera</i> L., in a 10 days chronic feeding test under laboratory conditions Eurofins Agroscience Services, GmbH DuPont-39665 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.5.1.2.16/21	Klank, C.	2014	Oxamyl (DPX-D1410) technical (98% w/w): Honey bee (<i>Apis mellifera</i> L.) larval toxicity test (single feeding exposure) Eurofins Agroscience Services EcoChem GmbH DuPont-39678 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.2.17/01	Harsha, N.V.	2009	Oxamyl (DPX-D1410-196): Laboratory study of vapour pressure International Institute of Biotechnology and Toxicology (IIBAT) DuPont-26259 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Plant Protection Product – Oxamyl 10GR


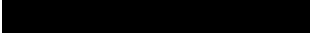
Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.1/01	Platz, S.J.	2000	Up-date and validation of the DuPont analytical method (No.: D1410.220.01 ES) to verify certified limits of the active ingredient oxamyl (D1410) in the end-use products: (1) Vydate 10L, (2) Vydate 5G and (3) Vydate 10G DuPont Stine-Haskell Research Center DuPont-5020 Superseded by DuPont-36605 Published: No	N			DuPont
B.5.1.1.1/01	Pandey, S.	2015	Validation of the analytical method for determination of oxamyl (DPX- D1410) in technical grade oxamyl and oxamyl end-use products by reverse phase high performance liquid chromatography (RPLC) and ultra performance liquid chromatography (UPLC) Syngene DuPont-36605 and DuPont-36605 Confidential attachment GLP: Yes Published: No	N	Y	New method for the analysis of oxamyl technical and formulated product. The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.5.1.1.1/02	Pandey, S., McNally, M.E.P.	2015	Determination of oxamyl (DPX-D1410) in technical grade oxamyl and end-use products Syngene DuPont-42001 GLP: No Published: No	N	N		DuPont

Plant Protection Product – Oxamyl 10SL

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.5.1.1.1/01	Pandey, S.	2015	Validation of the analytical method for determination of oxamyl (DPX- D1410) in technical grade oxamyl and oxamyl end-use products by reverse phase high performance liquid chromatography (RPLC) and ultra performance liquid chromatography (UPLC) Syngene DuPont-36605 and DuPont-36605 Confidential attachment GLP: Yes Published: No	N	Y	New method for the analysis of oxamyl technical and formulated product. The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.5.1.1.1/02	Pandey, S., McNally, M.E.P.	2015	Determination of oxamyl (DPX-D1410) in technical grade oxamyl and end-use products Syngene DuPont-42001 GLP: No Published: No	N	N		DuPont

1.6 Toxicology and metabolism data and assessment of risk for humas

Active substance

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.1.1/01	Han, J.C.-Y, Harvey, J.	1977	Metabolism of oxamyl and selected metabolites in the rat DuPont Experimental Station O/ME 33 J. Agric. Food Chem. 26:902-910 1978 Previously submitted at the EU level for Annex I inclusion Published: Yes	Y	N		Authors
B.6.1.1/02		1990	Biokinetics and metabolism of ¹⁴ C-oxamyl in rats  AMR 1226-88 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.1.2/01	Mingoia, R.T.	2014a	Oxamyl (DPX-D1410) technical (98% w/w): <i>In vitro</i> percutaneous absorption of oxamyl in human skin DuPont Haskell Laboratory DuPont-39017 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.1.2/02	Mingoia, R.T.	2014b	Oxamyl (DPX-D1410) technical (98% w/w): <i>In vitro</i> percutaneous absorption of oxamyl in rabbit skin DuPont Haskell Laboratory DuPont-39524 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.2.1/01	[REDACTED]	2009	Oxamyl (DPX-D1410) technical (98% w/w): Acute oral toxicity study in rats - up-and-down procedure [REDACTED] DuPont-26931 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.2.2/01	[REDACTED]	1988	Acute dermal toxicity study of IN D1410-196 in rabbits [REDACTED] HLR 114-88 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.2.3/01	[REDACTED]	2001	Oxamyl (DPX-D1410) Technical (98% w/w): inhalation median lethal concentration (LC ₅₀) study in rats [REDACTED] DuPont-6331 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.2.6/01	[REDACTED]	1999	Oxamyl Technical: Evaluation of the potential dermal sensitization in the guinea pig (Magnusson-Kligman maximization and Buehler tests) [REDACTED] DuPont-3021 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.2.6/02	[REDACTED]	1988	Closed-patch repeated insult dermal sensitization (Buehler method) with IN D1410-304 in guinea pigs [REDACTED] HLR 179-88 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.2.7/01	Markell, L.K.	2015	Oxamyl (DPX-D1410) technical (98% w/w): <i>In vitro</i> 3T3 NRU phototoxicity test DuPont Haskell Laboratory DuPont-42100 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.3.2/01	[REDACTED]	1969	Ninety-day feeding study in rats with 1-(dimethylcarbamoyl)-N-(methylcarbamoyloxy)thioformimidic acid, methyl ester (IND-1410) [REDACTED] HLR 308-69 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.3.2/02	[REDACTED]	1990	Chronic toxicity study with oxamyl (IN D1410-196) one-year feeding study in dogs (2 volumes) [REDACTED] HLR 381-90 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.3.2/03	[REDACTED]	1991	52-week dietary toxicity study with IND-1410 (oxamyl) in male dogs [REDACTED] HLO 555-90 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.3.3/01	[REDACTED]	1999	Oxamyl technical: 21-day repeated dose dermal toxicity study in rabbits [REDACTED] DuPont-1599 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.4.1/01	Gladnick, N.L.	1999	Oxamyl technical: Bacterial reverse mutation test in <i>Salmonella typhimurium</i> and <i>Escherichia coli</i> DuPont Haskell Laboratory DuPont-3084 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.6.4.1/02	Gudi, R., Schadly, E.H.	2000	Oxamyl technical: <i>In vitro</i> mammalian chromosome aberration test BioReliance DuPont-2936 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.4.1/03	San, R.H., Clarke, J.J.	2000	Oxamyl technical: <i>In vitro</i> mammalian cell gene mutation (CHO/HGPRT) test with an independent repeat assay BioReliance DuPont-2937 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.6.4.1/04	Vincent, D.R.	1987	Assessment of IN D1410-196 in the <i>in vitro</i> unscheduled DNA synthesis assay in rat primary hepatocytes (revision 1) DuPont Haskell Laboratory HLR 719-82, Revision No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.6.4.2/01	██████████	2002	Oxamyl (DPX-D1410) technical (98% w/w): Mouse bone marrow micronucleus assay ██ DuPont-10618 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.5.1/01	[REDACTED]	1991	Combined chronic toxicity/oncogenicity study with oxamyl (IN D1410-196) long-term feeding study in rats [REDACTED] HLR 278-91 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.5.2/01	[REDACTED]	1981	Long term feeding study in mice with oxamyl [REDACTED] HLO 252-81 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.5.2/02	[REDACTED]	1990	Long term feeding study in mice with oxamyl [REDACTED] HLO 252-81, Amendment No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.6.1/01	[REDACTED]	1990	Reproductive and fertility effects with oxamyl (IN D1410) multi-generation reproduction study in rats [REDACTED] HLR 423-90 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.6.2/01	[REDACTED]	1988	Teratogenicity study of IN D1410-196 in the rat [REDACTED] HLR 473-88 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.6.2/02	Munley, S.M.	1998	DuPont's position on foetal weight changes in rats following developmental toxicity testing with oxamyl DuPont Haskell Laboratory DuPont-1954 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.6.2/03	[REDACTED]	1980	Teratology study in rabbits - Oxamyl [REDACTED] HLO 801-80 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.7.1/01	[REDACTED]	1997	Acute oral neurotoxicity study of oxamyl technical in rats [REDACTED] HLR 1118-96 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.7.1/02	[REDACTED]	1998	Oxamyl technical: subchronic oral neurotoxicity study in rats. [REDACTED] HL-1998-00708 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.7.1/03	[REDACTED]	1999	A randomised double blind ascending oral dose study with oxamyl [REDACTED] HLO-1998-01505 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.7.1/04	[REDACTED]	1997	Reversibility study with carbamate insecticides in rats [REDACTED] HL-1997-00641 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.7.1/05	[REDACTED]	2001	Cholinesterase inhibition determination in rats exposed to inhalation atmospheres of oxamyl technical (96.9%) [REDACTED] DuPont-4383, Revision No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.7.1/06	[REDACTED]	2005	Oxamyl (DPX-D1410) technical (98% w/w): Relative sensitivity of preweanling rat pups and adult rats to inhibition and recovery of cholinesterase activity [REDACTED] DuPont-16755 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.7.1/07	Moser, V.C., McDaniel, K.L., Phillips, P.M., Lowitt, A.B.	2010	Time-course, dose-response, and age comparative sensitivity of N-methyl carbamates in rats Toxicological Sciences 114(1), 113-123 (2010) Not applicable GLP: No Published: Yes	Y	N		Authors

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.7.1/08	McDaniel, K.L., Padilla, S., Marshall, R.S., Phillips, P.M., Podhorniak, L., Qian, Y., Moser, V.C.	2007	Comparison of acute neurobehavioural and cholinesterase inhibitory effects of N-methyl carbamates in rats Toxicological Sciences 98(2), 552-560 (2007) Not applicable GLP: No Published: Yes	Y	N		Authors
B.6.7.1/09	Padilla, S., Marshall, R.S., Hunter, D.L., Lowit, A.	2007	Time course of cholinesterase inhibition in adult rats treated acutely with carbaryl, carbofuran, formetanate, methomyl, methiocarb, oxamyl or propoxur Toxicology and Applied Pharmacology 219, 202-209 (2007) Not applicable GLP: No Published: Yes	Y	N		Authors
B.6.7.2/01		1970	Oral ALD and delayed paralysis test (white leghorn chickens) HLR 234-70 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.8.1/01	[REDACTED]	1968	Acute oral test (CHR-CD rats) [REDACTED] HLR 300-68 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.8.1/02	[REDACTED]	1971	Ten-dose subacute oral tests [REDACTED] HLR 228-71 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.8.1/03	[REDACTED]	1973	Oral LD ₅₀ Test [REDACTED] HLR 126-73 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.8.1/04	[REDACTED]	1974	Acute oral test - ALD [REDACTED] HLR 585-74 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.8.1/05	[REDACTED]	1976	10 day subacute test [REDACTED] HLR 390-76 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.8.1/06	[REDACTED]	1976	Ninety day feeding study in rats with 1 cyano-N,N-dimethylformamide (INN-79) metabolite of Vydate [REDACTED] HLR 630-76 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.8.1/07	Sippel, M.E.	1978	Mutagenic activity of formamide, 1-cyano-N,N-dimethyl- in the salmonella/microsome assay DuPont Haskell Laboratory HLR 284-78 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.6.8.1/08	[REDACTED]	1972	Oral LD ₅₀ test [REDACTED] HLR 399-72 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.8.2/01	[REDACTED]	1968	Ten dose subacute oral test [REDACTED] HLR 150-68 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.6.8.2/02	Green, J.W.	2003	Statistical analysis of HLO-1998-01505: Assessment of study design and power DuPont Haskell Laboratory DuPont-12251 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.6.8.3/01	Bentley, K.S.	2010	Oxamyl: Additional information in support of comparative cholinesterase study DuPont-16755 (MRID 46615301) - pilot data DuPont Haskell Laboratory DuPont-30415 GLP: No Published: No	N	N		DuPont
B.6.8.3/02	[REDACTED]	2012a	Pubertal development and thyroid function in intact juvenile/peripubertal male rats following oral administration of oxamyl (DPX-D1410) technical (98% w/w) [REDACTED] DuPont-33933 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.8.3/03	[REDACTED]	2012b	Pubertal development and thyroid function in intact juvenile/peripubertal female rats following oral administration of oxamyl (DPX-D1410) technical (98% w/w) [REDACTED] DuPont-33934 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.8.3/04	Snajdr, S.I.	2012a	Oxamyl (DPX-D1410) technical (98% w/w): <i>In vitro</i> aromatase inhibition using human recombinant microsomes DuPont Haskell Laboratory DuPont-32072 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.8.3/05	Willoughby, J.A.	2012	Oxamyl (DPX-D1410) technical: Estrogen receptor transcriptional activation (human cell line (HeLa-9903)) CeeTox, Inc. DuPont-32073, Revision No. 1 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.8.3/06	Snajdr, S.I.	2012b	Oxamyl (DPX-D1410) technical (98% w/w): <i>In vitro</i> estrogen receptor binding assay using rat uterine cytosol (ER-RUC) DuPont Haskell Laboratory DuPont-32074 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.8.3/07	[REDACTED]	2011a	Oxamyl (DPX-D1410) technical (98% w/w): 3-Day uterotrophic assay for detecting estrogenic activity [REDACTED] DuPont-32075 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.8.3/08	[REDACTED]	2011b	Oxamyl (DPX-D1410) technical (98% w/w): 10-Day Hershberger bioassay for detecting androgenic activity [REDACTED] DuPont-32076 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.6.8.3/09	Nabb, D.L.	2012	Oxamyl (DPX-D1410) technical (98% w/w): H295R steroidogenesis assay DuPont Haskell Laboratory DuPont-32077 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.6.8.3/10	[REDACTED]	2012c	Oxamyl (DPX-D1410) technical (98% w/w): <i>In vitro</i> androgen receptor binding assay using rat prostate cytosol DuPont-32153 GLP: Yes Published: No	Y	N	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Plant Protection Product – Oxamyl 10GR

Annex No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Data Protection (Y/N)	Owner
B.6.1.1/01	[REDACTED]	1999	Oxamyl 10G: Acute oral toxicity study in rats. [REDACTED] DuPont-2703 GLP: Yes	Y	DuPont
B.6.1.2/01	[REDACTED]	1999	Oxamyl 10G: Acute dermal toxicity in rats. [REDACTED] DuPont-2810 GLP: Yes Published: No	Y	DuPont
B.6.1.3/01	[REDACTED]	1999	Oxamyl 10G: Inhalation median lethal concentration (LC50) in rats. [REDACTED] DuPont-1987 GLP: Yes Published: No	Y	DuPont

Annex No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Data Protection (Y/N)	Owner
B.6.1.4/01	[REDACTED]	1999	Oxamyl 10G: Primary dermal irritation study in rabbits. [REDACTED] DuPont-2453 GLP: Yes Published: No	Y	DuPont
B.6.1.5/01	[REDACTED]	1999	Oxamyl 10G: Primary eye irritation study in rabbits. [REDACTED] DuPont-2640 GLP: Yes Published: No	Y	DuPont
B.6.1.6/01	[REDACTED]	1999	Oxamyl 10G: Evaluation of the potential dermal sensitization in the Guinea pig (modified Buehler method). [REDACTED] DuPont-1953 GLP: Yes Published: No	Y	DuPont
B.6.2.1/01	[REDACTED]	1986	Dermal absorption of [¹⁴ C]-oxamyl in the rat. [REDACTED] AMR 614-86 GLP: Yes Published: No	Y	DuPont
B.6.2.2/01	Fasano, W.J.	2002b	Oxamyl (DPX-D1410) 10GR: <i>In vitro</i> dermal kinetics of [1- ¹⁴ C] oxamyl in rat, human, and rabbit skin. DuPont Haskell Laboratory DuPont-6837 GLP: Yes Published: No	Y	DuPont

Annex No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Data Protection (Y/N)	Owner
B.6.4.1/01	Brouwer, D.H., Engel, R., de Cock, J.S.	2000	Field study on exposure to oxamyl during the application of Vydate 10G for soil treatment in potatoes. TNO Nutrition & Food Research DuPont-2311 GLP: Yes Published: No	N	DuPont

Plant Protection Product – Oxamyl 10SL



1.7 Residue data

Active substance

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.1/01	Dubey, L., Steiner, C., Belgaid, R.	2002	Stability of oxamyl in different crops stored frozen Battelle Europe-Centre de Recherche de Geneve DuPont-4235 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.1/02	Cairns, S.D., Davidson, J.	2006	Storage stability of oxamyl in dried tobacco leaves Charles River Laboratories (UK) DuPont-17600 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont
B.7.1/03	Cairns, S.D., Woodmansey, L.	2013	Stability of oxamyl (DPX-D1410) in oranges stored frozen Charles River Laboratories (UK) DuPont-32189 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.2.1/01	Harvey, J.	1973a	Metabolism and biodegradation of oxamyl DuPont Experimental Station, DuPont Haskell Laboratory O/ME 4 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/02	Han, J.C.-Y., Harvey, J.	1975	Additional studies of oxamyl in plants - characterization of ¹⁴ C-harvest residues in potato tubers DuPont Experimental Station O/ME 8-75 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.2.1/03	Brown, A.M., Young, G.A., Swain, R.S.	2001	Metabolism of ¹⁴ C-oxamyl in potatoes DuPont Stine-Haskell Research Center DuPont-4520 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/04	Brown, A.M., Young, G.A., Swain, R.S.	2002	Metabolism of ¹⁴ C-oxamyl in potatoes DuPont Stine-Haskell Research Center DuPont-4520, Supplement No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/05	Harvey, J.	1973b	Additional studies on the metabolism and biodegradation of oxamyl in plants - Period: May 1, 1973 to October 1, 1973 DuPont Experimental Station O/ME 5 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/06	Harvey, J.	1974	Additional studies on the metabolism of oxamyl in plants - I: Characterization of harvest residues in peanuts, apples and oranges (supplement 1) DuPont Experimental Station O/ME 5, Supplement No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.2.1/07	Harvey, J.	1975	Additional studies on the metabolism of oxamyl in plants - II: Characterization of harvest residues - A: The polar fraction in oranges - period October 1, 1974 to June 1, 1975 DuPont Experimental Station O/ME 5, Supplement No. 2 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/08	Brown, A.M., McMillan, J.A., Young, G.A., Pierce, D., Schrass, K.H.	2008	Metabolism of ¹⁴ C-oxamyl in potatoes DuPont Stine-Haskell Research Center DuPont-4520, Supplement No. 2 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
C B.7.2.1/09	Chapleo, S., Johnson, J.	2014	The metabolism of ¹⁴ C-oxamyl in tomato plants Charles River Laboratories (UK) DuPont-32188 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.2.2/01		1994	Metabolism of [¹⁴ C]oxamyl in laying hens  AMR 2546-92 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.2.2/02	[REDACTED]	1990	Metabolism of (¹⁴ C)-oxamyl in laying hens [REDACTED] AMR 1005-87 Study has been superceded with AMR 2546-92 Published: No		N		DuPont
B.7.2.3/01	Belasco, I.J., Harvey, J.	1980	In vitro rumen metabolism of ¹⁴ C-labeled oxamyl and selected metabolites of oxamyl DuPont Experimental Station AMR 09-80 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.3/02	[REDACTED]	1994	The metabolism of [¹⁴ C] oxamyl in lactating goats [REDACTED] AMR 2578-92 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N	DuPont	
B.7.3.1/01	Françon, B., Belgaid, R., Jetzer, M., Steiner, C.	2000	Magnitude of residues of oxamyl in root and tuber vegetables (potatoes) following application of Oxamyl 10G Formulation - Europe, season 1999 Battelle Europe-Centre de Recherche de Geneve DuPont-2407 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.3.1/02	Françon, B., Bass, R.V., Jernberg, K.M.	2001	Magnitude of residues of oxamyl in potatoes following application of Oxamyl 10G Formulation - Europe, season 2000 Battelle Europe-Centre de Recherche de Geneve DuPont-3939, Revision No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.3.1/03	Boissinot, J.-C., Cairns, S.D., Ward, L.	2007	Magnitude of oxamyl residues in potatoes following application of Vydate® 10G formulation-Europe 2006 Charles River Laboratories (UK) DuPont-19526 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.3.1/04	Zenide, D., Jetzer, M., Smyser, B.P.	2002	Magnitude of residues of oxamyl in potatoes following in-furrow application of Oxamyl 5G formulation - southern Europe, season 2001 Battelle Europe-Centre de Recherche de Geneve DuPont-5989 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont
B.7.3.1/05	Foster, A.C., Davidson, J., Cairns, S.D., Doran, A.M.	2003	Combined decline and magnitude of residues of oxamyl in main crop potatoes following applications of Oxamyl 10L formulation by drip irrigation - northern Europe, 2002 Inveresk Research DuPont-10297, Revision No. 1 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.3.2/01	Boissinot, J.-C., Cairns, S.D., Ward, L.	2007b	Decline and magnitude of oxamyl residues in protected tomatoes (fruiting vegetables, solanacea) following application of Vydate® 10L formulation <i>via</i> drip irrigation - southern Europe 2006 Charles River Laboratories (UK) DuPont-19519, Revision No. 1 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.3.2/02	Boissinot, J.-C., Cairns, S.D., Ward, L.	2007a	Decline and magnitude of oxamyl residues in protected cherry tomatoes (fruiting vegetables, solanacea) following application of Vydate® 10L formulation <i>via</i> drip irrigation - southern Europe 2006 Charles River Laboratories (UK) DuPont-19521 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.3.2/03	Haigh, I., Hoskins, M.	2011	Decline and magnitude of oxamyl residues in protected tomatoes, including cherry tomatoes (fruiting vegetables, solanacea) following application of Oxamyl 10L formulation <i>via</i> drip irrigation - southern Europe, 2009-10 Charles River Laboratories (UK) DuPont-29313 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.3.2/04	Haigh, I., Cairns, S.	2012	Decline and magnitude of oxamyl residues in protected tomatoes, including cherry tomatoes (fruiting vegetables, solanacea) following application of Oxamyl 10L formulation <i>via</i> drip irrigation - southern Europe 2010-2011 Charles River Laboratories (UK) DuPont-31506 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.3.3/01	Anderson, I., Cairns, S.D.	2006	Decline and magnitude of oxamyl residues in fermented tobacco leaves following granular application of Vydate® 5G or 10G and low pressure soil application of Vydate 10L® - southern Europe, 2005 Charles River Laboratories (UK) DuPont-14667 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.3.4/01	Aitken, A., Cairns, S.	2013	Decline and magnitude of oxamyl residues in protected courgettes (fruiting vegetables, cucurbits) and cherry tomatoes (fruiting vegetables, solanacea) following application of Oxamyl 10L formulation <i>via</i> drip irrigation - Europe - 2012 Charles River Laboratories (UK), Charles River DuPont-35356 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.5.1/01	Lee, D.Y.	2001	Hydrolysis to investigate the nature of potential residues of oxamyl in products resulting from industrial processing or household preparation DuPont Stine-Haskell Research Center DuPont-4025 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.5.3/01	Foster, A.	2009	Magnitude of oxamyl residues in potatoes and potato processed fractions following exaggerated rate applications of Oxamyl 10G formulation - Europe 2009 Charles River Laboratories (UK) DuPont-27667 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.6.1/01	Harvey, J.	1978	Crop rotation study with ¹⁴ C-oxamyl in the greenhouse DuPont Experimental Station O/ME 34 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.6.1/02	Hawkins, D.R., Mayo, B.C., Pollard, A.D., Donschak, A.W.	1990	The confined accumulation of [¹⁴ C] oxamyl in rotational crops Huntingdon Research Centre AMR 1190-88 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.6.1/03	Brown, A. M., Young, G. A., Swain, R. S.	2001	Accumulation of residues in confined rotational crops (barley) after soil treatment with ¹⁴ C-oxamyl DuPont Stine-Haskell Research Center DuPont-4518 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.6.1/04	Brown, A. M., Young, G. A., Swain, R. S.	2002	Accumulation of residues in confined rotational crops (barley) after soil treatment with ¹⁴ C-oxamyl DuPont Stine-Haskell Research Center DuPont-4518, Supplement No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.6.2/01	Anderson, I., Cairns, S., Hansford, R.J.	2007	Field crop rotation study with Vydate® 10G (DPX-D1410) - Europe 2005/6 Charles River Laboratories (UK) DuPont-16669 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.6.2/02	Old, J., Boissinot, J.-C., Cairns, S., McConnell, K.	2009	Protected crop rotation study with Oxamyl 10L (DPX-D1410) - Europe 2007/8 Charles River Laboratories (UK) DuPont-16693 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.10/01	Zenide, D., Jetzer, M., Smyser, B.P.	2003	Unit-to-unit variability of residues of oxamyl in cucumbers (edible-peel cucurbits) grown in green/plastic houses following applications of Oxamyl 10L formulation by drip irrigation - southern Europe, season 2002 Battelle Europe-Centre de Recherche de Geneve DuPont-9459 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont
B.7.10/02	Schwarz, A., Eichler, M.	2014	Oxamyl (DPX-D1410) 10SL: Field study on residues in arthropods, earthworms and seedlings (wildlife food items) IBACON DuPont-40221 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.7.10/03	Scherer, F.	2015	Oxamyl (DPX-D1410) 10GR: Investigating the deposition of dust from in-furrow application of granules containing oxamyl and determination of residues of oxamyl in guttation fluid of potato in United Kingdom during 2014 Eurofins Agrosience Services EcoChem GmbH DuPont-38691 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.10/04	Knäbe, S.	2015	Oxamyl (DPX-D1410) 10GR: Determination of residues of oxamyl in guttation fluid of sugar beet plants in Germany 2014 Eurofins Agrosience Services EcoChem GmbH DuPont-41321 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.10/05	Mack, P.	2015	Oxamyl (DPX-D1410) 10GR: Determination of residues of oxamyl in pollen, nectar, flowers, and guttation fluid of tobacco in southern Europe 2014 Eurofins Agroscience Services EcoChem GmbH DuPont-41322, Revision No. 1 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont

Plant Protection Product – Oxamyl 10GR

All studies for Oxamyl 10GR are included in the Oxamyl Volume 3 – B.7 (CA). See studies for active substance.

Plant Protection Product – Oxamyl 10SL

All studies for Oxamyl 10SL are included in the Oxamyl Volume 3 – B.7 (CA). See studies for active substance.

1.8 Environmental fate and behaviour and environmental exposure assessment

Active substance

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.1/01	Dubey, L., Steiner, C., Belgaid, R.	2002	Stability of oxamyl in different crops stored frozen Battelle Europe-Centre de Recherche de Geneve DuPont-4235 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont
B.7.1/02	Cairns, S.D., Davidson, J.	2006	Storage stability of oxamyl in dried tobacco leaves Charles River Laboratories (UK) DuPont-17600 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont
B.7.1/03	Cairns, S.D., Woodmansey, L.	2013	Stability of oxamyl (DPX-D1410) in oranges stored frozen Charles River Laboratories (UK) DuPont-32189 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.2.1/01	Harvey, J.	1973a	Metabolism and biodegradation of oxamyl DuPont Experimental Station, DuPont Haskell Laboratory O/ME 4 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.2.1/02	Han, J.C.-Y., Harvey, J.	1975	Additional studies of oxamyl in plants - characterization of ¹⁴ C-harvest residues in potato tubers DuPont Experimental Station O/ME 8-75 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/03	Brown, A.M., Young, G.A., Swain, R.S.	2001	Metabolism of ¹⁴ C-oxamyl in potatoes DuPont Stine-Haskell Research Center DuPont-4520 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/04	Brown, A.M., Young, G.A., Swain, R.S.	2002	Metabolism of ¹⁴ C-oxamyl in potatoes DuPont Stine-Haskell Research Center DuPont-4520, Supplement No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/05	Harvey, J.	1973b	Additional studies on the metabolism and biodegradation of oxamyl in plants - Period: May 1, 1973 to October 1, 1973 DuPont Experimental Station O/ME 5 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.2.1/06	Harvey, J.	1974	Additional studies on the metabolism of oxamyl in plants - I: Characterization of harvest residues in peanuts, apples and oranges (supplement 1) DuPont Experimental Station O/ME 5, Supplement No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/07	Harvey, J.	1975	Additional studies on the metabolism of oxamyl in plants - II: Characterization of harvest residues - A: The polar fraction in oranges - period October 1, 1974 to June 1, 1975 DuPont Experimental Station O/ME 5, Supplement No. 2 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.1/08	Brown, A.M., McMillan, J.A., Young, G.A., Pierce, D., Schrass, K.H.	2008	Metabolism of ¹⁴ C-oxamyl in potatoes DuPont Stine-Haskell Research Center DuPont-4520, Supplement No. 2 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
C B.7.2.1/09	Chapleo, S., Johnson, J.	2014	The metabolism of ¹⁴ C-oxamyl in tomato plants Charles River Laboratories (UK) DuPont-32188 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.2.2/01	[REDACTED]	1994	Metabolism of [¹⁴ C]oxamyl in laying hens [REDACTED] AMR 2546-92 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N	DuPont	
B.7.2.2/02	[REDACTED]	1990	Metabolism of (¹⁴ C)-oxamyl in laying hens [REDACTED] AMR 1005-87 Study has been superceded with AMR 2546-92 Published: No		N		DuPont
B.7.2.3/01	Belasco, I.J., Harvey, J.	1980	In vitro rumen metabolism of ¹⁴ C-labeled oxamyl and selected metabolites of oxamyl DuPont Experimental Station AMR 09-80 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.2.3/02	[REDACTED]	1994	The metabolism of [¹⁴ C] oxamyl in lactating goats [REDACTED] AMR 2578-92 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.3.1/01	Françon, B., Belgaid, R., Jetzer, M., Steiner, C.	2000	Magnitude of residues of oxamyl in root and tuber vegetables (potatoes) following application of Oxamyl 10G Formulation - Europe, season 1999 Battelle Europe-Centre de Recherche de Geneve DuPont-2407 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.3.1/02	Françon, B., Bass, R.V., Jernberg, K.M.	2001	Magnitude of residues of oxamyl in potatoes following application of Oxamyl 10G Formulation - Europe, season 2000 Battelle Europe-Centre de Recherche de Geneve DuPont-3939, Revision No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.3.1/03	Boissinot, J.-C., Cairns, S.D., Ward, L.	2007	Magnitude of oxamyl residues in potatoes following application of Vydate® 10G formulation-Europe 2006 Charles River Laboratories (UK) DuPont-19526 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.3.1/04	Zenide, D., Jetzer, M., Smyser, B.P.	2002	Magnitude of residues of oxamyl in potatoes following in-furrow application of Oxamyl 5G formulation - southern Europe, season 2001 Battelle Europe-Centre de Recherche de Geneve DuPont-5989 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.3.1/05	Foster, A.C., Davidson, J., Cairns, S.D., Doran, A.M.	2003	Combined decline and magnitude of residues of oxamyl in main crop potatoes following applications of Oxamyl 10L formulation by drip irrigation - northern Europe, 2002 Inveresk Research DuPont-10297, Revision No. 1 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont
B.7.3.2/01	Boissinot, J.-C., Cairns, S.D., Ward, L.	2007b	Decline and magnitude of oxamyl residues in protected tomatoes (fruiting vegetables, solanacea) following application of Vydate® 10L formulation <i>via</i> drip irrigation - southern Europe 2006 Charles River Laboratories (UK) DuPont-19519, Revision No. 1 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.3.2/02	Boissinot, J.-C., Cairns, S.D., Ward, L.	2007a	Decline and magnitude of oxamyl residues in protected cherry tomatoes (fruiting vegetables, solanacea) following application of Vydate® 10L formulation <i>via</i> drip irrigation - southern Europe 2006 Charles River Laboratories (UK) DuPont-19521 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.3.2/03	Haigh, I., Hoskins, M.	2011	Decline and magnitude of oxamyl residues in protected tomatoes, including cherry tomatoes (fruiting vegetables, solanacea) following application of Oxamyl 10L formulation <i>via</i> drip irrigation - southern Europe, 2009-10 Charles River Laboratories (UK) DuPont-29313 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.3.2/04	Haigh, I., Cairns, S.	2012	Decline and magnitude of oxamyl residues in protected tomatoes, including cherry tomatoes (fruiting vegetables, solanacea) following application of Oxamyl 10L formulation <i>via</i> drip irrigation - southern Europe 2010-2011 Charles River Laboratories (UK) DuPont-31506 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.3.3/01	Anderson, I., Cairns, S.D.	2006	Decline and magnitude of oxamyl residues in fermented tobacco leaves following granular application of Vydate® 5G or 10G and low pressure soil application of Vydate 10L® - southern Europe, 2005 Charles River Laboratories (UK) DuPont-14667 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.3.4/01	Aitken, A., Cairns, S.	2013	Decline and magnitude of oxamyl residues in protected courgettes (fruiting vegetables, cucurbits) and cherry tomatoes (fruiting vegetables, solanacea) following application of Oxamyl 10L formulation <i>via</i> drip irrigation - Europe - 2012 Charles River Laboratories (UK), Charles River DuPont-35356 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.5.1/01	Lee, D.Y.	2001	Hydrolysis to investigate the nature of potential residues of oxamyl in products resulting from industrial processing or household preparation DuPont Stine-Haskell Research Center DuPont-4025 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.5.3/01	Foster, A.	2009	Magnitude of oxamyl residues in potatoes and potato processed fractions following exaggerated rate applications of Oxamyl 10G formulation - Europe 2009 Charles River Laboratories (UK) DuPont-27667 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.6.1/01	Harvey, J.	1978	Crop rotation study with ¹⁴ C-oxamyl in the greenhouse DuPont Experimental Station O/ME 34 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.6.1/02	Hawkins, D.R., Mayo, B.C., Pollard, A.D., Donschak, A.W.	1990	The confined accumulation of [¹⁴ C] oxamyl in rotational crops Huntingdon Research Centre AMR 1190-88 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.6.1/03	Brown, A. M., Young, G. A., Swain, R. S.	2001	Accumulation of residues in confined rotational crops (barley) after soil treatment with ¹⁴ C-oxamyl DuPont Stine-Haskell Research Center DuPont-4518 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.7.6.1/04	Brown, A. M., Young, G. A., Swain, R. S.	2002	Accumulation of residues in confined rotational crops (barley) after soil treatment with ¹⁴ C-oxamyl DuPont Stine-Haskell Research Center DuPont-4518, Supplement No. 1 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.6.2/01	Anderson, I., Cairns, S., Hansford, R.J.	2007	Field crop rotation study with Vydate® 10G (DPX-D1410) - Europe 2005/6 Charles River Laboratories (UK) DuPont-16669 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.6.2/02	Old, J., Boissinot, J.-C., Cairns, S., McConnell, K.	2009	Protected crop rotation study with Oxamyl 10L (DPX-D1410) - Europe 2007/8 Charles River Laboratories (UK) DuPont-16693 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP.	DuPont
B.7.10/01	Zenide, D., Jetzer, M., Smyser, B.P.	2003	Unit-to-unit variability of residues of oxamyl in cucumbers (edible-peel cucurbits) grown in green/plastic houses following applications of Oxamyl 10L formulation by drip irrigation - southern Europe, season 2002 Battelle Europe-Centre de Recherche de Geneve DuPont-9459 GLP: Yes Published: No	N	Yes at MS level	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in some MS.	DuPont
B.7.10/02	Schwarz, A., Eichler, M.	2014	Oxamyl (DPX-D1410) 10SL: Field study on residues in arthropods, earthworms and seedlings (wildlife food items) IBACON DuPont-40221 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data requirement no., reference no.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data protection Y/N	Justification if data protection is claimed	Owner
B.7.10/03	Scherer, F.	2015	Oxamyl (DPX-D1410) 10GR: Investigating the deposition of dust from in-furrow application of granules containing oxamyl and determination of residues of oxamyl in guttation fluid of potato in United Kingdom during 2014 Eurofins Agrosience Services EcoChem GmbH DuPont-38691 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.10/04	Knäbe, S.	2015	Oxamyl (DPX-D1410) 10GR: Determination of residues of oxamyl in guttation fluid of sugar beet plants in Germany 2014 Eurofins Agrosience Services EcoChem GmbH DuPont-41321 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont
B.7.10/05	Mack, P.	2015	Oxamyl (DPX-D1410) 10GR: Determination of residues of oxamyl in pollen, nectar, flowers, and guttation fluid of tobacco in southern Europe 2014 Eurofins Agrosience Services EcoChem GmbH DuPont-41322, Revision No. 1 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted.	DuPont

Plant Protection Product – Oxamyl 10GR

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Owner
B.8.1.1.1/01	Ghafoor, A., Zillgens, B.	2015	Estimation of kinetic endpoints for oxamyl and its metabolites oxamyl oxime (IN-A2213), DMOA (IN-D2708), DMCF (IN-N0079) from laboratory soil degradation studies Dr. Knoell Consult GmbH DuPont-41859 EU GLP: No Published: No	N	N	DuPont
B.8.1.1.2.1/01	Partsch, S., Zillgens, B.	2015	Estimation of kinetic endpoints for oxamyl and its metabolites oxamyl oxime (IN-A2213) and DMOA (IN-D2708) from field soil dissipation studies Dr. Knoell Consult GmbH DuPont-41859 EU, Supplement No. 1 GLP: No Published: No	N	N	DuPont
B.8.2/01	Juraske, R., Zillgens, B.	2015	Predicted environmental concentrations of oxamyl and its major metabolites in soil after the application to various crops - a modelling assessment for Europe Dr. Knoell Consult GmbH DuPont-40857 EU GLP: No Published: No	N	N	DuPont
B.8.4.2/01	Ghafoor, A., Zillgens, B.	2015	Estimation of kinetic endpoints of oxamyl and its metabolites oxamyl oxime (IN-A2213), DMOA (IN-D2708), DMCF (IN-N0079) and IN-T2921 in water/sediment systems - kinetic calculations following FOCUS kinetics guidelines Dr. Knoell Consult GmbH DuPont-44046 EU GLP: No Published: No	N	N	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Owner
B.8.3/01	Anyusheva, M., Zillgens, B.	2015	Predicted environmental concentrations of oxamyl and its metabolites in groundwater following applications to various crops - a modelling assessment Dr. Knoell Consult GmbH DuPont-40858 EU GLP: No Published: No	N	N	DuPont
B.8.5/01	Anyusheva, M., Zillgens, B.	2015	Predicted environmental concentrations of oxamyl and its metabolites in surface water following applications to various crops -- a modelling assessment for Europe using the FOCUS surface water scenarios Dr. Knoell Consult GmbH DuPont-40859 EU GLP: No Published: No	N	N	DuPont

Plant Protection Product – Oxamyl 10SL

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Owner
B.8.1.1.1/01	Ghafoor, A., Zillgens, B.	2015	Estimation of kinetic endpoints for oxamyl and its metabolites oxamyl oxime (IN-A2213), DMOA (IN-D2708), DMCF (IN-N0079) from laboratory soil degradation studies Dr. Knoell Consult GmbH DuPont-41859 EU GLP: No Published: No	N	N	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Owner
B.8.1.1.2.1/01	Partsch, S., Zillgens, B.	2015	Estimation of kinetic endpoints for oxamyl and its metabolites oxamyl oxime (IN-A2213) and DMOA (IN-D2708) from field soil dissipation studies Dr. Knoell Consult GmbH DuPont-41859 EU, Supplement No. 1 GLP: No Published: No	N	N	DuPont
B.8.3/01	Anyusheva, M., Zillgens, B.	2015	Predicted environmental concentrations of oxamyl and its metabolites in groundwater following applications to various crops - a modelling assessment for Europe using the FOCUS groundwater scenarios DuPont Report No.: DuPont-40858 EU GLP: No Published: No	N	N	DuPont
B.8.4.2/01	Ghafoor, A., Zillgens, B.	2015	Estimation of kinetic endpoints of oxamyl and its metabolites oxamyl oxime (IN-A2213), DMOA (IN-D2708), DMCF (IN-N0079) and IN-T2921 in water/sediment systems - kinetic calculations following FOCUS kinetics guidelines Dr. Knoell Consult GmbH DuPont-44046 EU GLP: No Published: No	N	N	DuPont
B.8.5/01	Anyusheva, M., Zillgens, B.	2015	Predicted environmental concentrations of oxamyl and its metabolites in surface water following applications to various crops -- a modelling assessment for Europe using the FOCUS surface water scenarios Dr. Knoell Consult GmbH DuPont-40859 EU GLP: No Published: No	N	N	DuPont

1.9 Ecotoxicology data and assessment of risks for non-target species

Active substance

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.3.2.1/02	Austin, H.	1999	Oxamyl 10L (10% w/w): A laboratory study to evaluate the effects on the aphid parasitoid <i>Aphidius rhopalosiphi</i> (Hymenoptera: Braconidae) Ecotox Ltd. DuPont-2609 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.6.2/02	Bergfield, A.	2012	Oxamyl (DPX-D1410) 24SL: A greenhouse study to investigate the effects on vegetative vigor of ten terrestrial plant species following foliar exposure ABC Laboratories, Inc. (Missouri) DuPont-34275 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.2.1/06		2000	IN-T2921: Acute, 96-hour LC ₅₀ to rainbow trout, <i>Oncorhynchus mykiss</i> DuPont-4439 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.4.1/05	Boeri, R.L., Ward, T.J.	2000	IN-T2921: Acute, 48-hour, EC ₅₀ to <i>Daphnia magna</i> T.R. Wilbury Laboratories, Inc. DuPont-4441 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.5.1/01	Boeri, R.L., Ward, T.J.	2000a	Oxamyl technical: 21-day chronic, flow- through toxicity to <i>Daphnia magna</i> T.R. Wilbury Laboratories, Inc. DuPont-2554 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.5.1/02	Boeri, R.L., Ward, T.J.	2000b	IN-D2708: Chronic, static-renewal toxicity to the daphnid, <i>Daphnia magna</i> T.R. Wilbury Laboratories, Inc. DuPont-3909 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.6.1/05	Boeri, R.L., Ward, T.J.	2001	IN-T2921: Influence on growth and growth rate of the alga, <i>Selenastrum capricornutum</i> T.R. Wilbury Laboratories, Inc. DuPont-4442 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.1/04	[REDACTED]	1999	IN-D2708: Static, acute, 96-hour, (LC ₅₀) test to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED]. DuPont-2507 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.2.4.1/01	Boeri, R.L., Magazu, J.P., Ward, T.J.	1999b	Oxamyl technical: Acute, 48-hour EC ₅₀ to <i>Daphnia magna</i> T.R. Wilbury Laboratories, Inc. DuPont-2553 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.4.1/03	Boeri, R.L., Magazu, J.P., Ward, T.J.	1999a	IN-D2708: Static, acute, 48-hour limit test to <i>Daphnia magna</i> T.R. Wilbury Laboratories, Inc. DuPont-2510 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.6.1/01	Boeri, R.L., Magazu, J.P., Ward, T.J.	2000	Oxamyl technical: Influence on growth and growth rate of the alga, <i>Selenastrum capricornutum</i> T.R. Wilbury Laboratories, Inc. DuPont-2909 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.6.1/03	Boeri, R.L., Magazu, J.P., Ward, T.J.	1999b	IN-D2708: Influence on growth and growth rate of the alga, <i>Selenastrum capricornutum</i> T.R. Wilbury Laboratories, Inc. DuPont-2511 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.6.1/04	Boeri, R.L., Magazu, J.P., Ward, T.J.	1999a	IN-N0079: Influence on growth and growth rate of the alga, <i>Selenastrum capricornutum</i> T.R. Wilbury Laboratories, Inc. DuPont-2514 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.1.1/02		1981	Single-dose oral toxicity study in mallard ducks HLO 89-81 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.2.4.2/03	Brougher, D.S., Martin, K.H., Gallagher, S.P., Bodle, E.S.	2013d	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with the Cladoceran (<i>Ceriodaphnia dubia</i>) Wildlife International Ltd. (USA) DuPont-37399 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.4.2/04	Brougher, D.S., Martin, K.H., Gallagher, S.P., Bodle, E.S.	2013a	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with <i>Hyaletta azteca</i> Wildlife International Ltd. (USA) DuPont-37397 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.2.4.2/05	Brougher, D.S., Martin, K.H., Gallagher, S.P., Bodle, E.S.	2013c	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with the cladoceran (<i>Daphnia pulex</i>) Wildlife International Ltd. (USA) DuPont-37398 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.2.4.2/07	Brougher, D.S., Martin, K.H., Gallagher, S.P., Bodle, E.S.	2013b	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with <i>Chironomus tentans</i> Wildlife International Ltd. (USA) DuPont-37400 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.2.4.2/02	Brougher, D.S., Martin, K.H., Gallagher, S.P., Krueger, H.O.	2013a	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with the mayfly (<i>Centroptilum triangulifer</i>) Wildlife International Ltd. (USA) DuPont-37401 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.4.2/06	Brougher, D.S., Martin, K.H., Gallagher, S.P., Krueger, H.O.	2013b	Oxamyl (DPX-D1410) technical (98% w/w): A 48-hour static acute toxicity test with the caddisfly (<i>Chimarra atterima</i>) Wildlife International Ltd. (USA) DuPont-37402 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.5/01	Cardinali, V.C.B.	2008	Effects of OXAMIL TÉCNICO on soil microorganisms: Nitrogen transformation test BIOAGRI Laboratorios Ltda. RF-0014.218.286.07 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.5/04	Carter, J.	2001	IN-T2921: Assessment of the effects on soil microflora Huntingdon Life Sciences Ltd DuPont-4736 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.7/01	Daly, R., Leva, D., Brugger, K.	2000	Summary of insecticide screening data for major metabolites of oxamyl DuPont Stine-Haskell Research Center DuPont-5194 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.2.1/02	[REDACTED]	1982	Early life stage toxicity of oxamyl to fathead minnow [REDACTED] HLR 877-81 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.2.3/01	[REDACTED]	2015	Oxamyl (DPX-D1410) technical: 21-D amphibian metamorphosis assay (AMA) with south African clawed frog, <i>Xenopus laevis</i> [REDACTED] DuPont-31032, Revision No. 1 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.1.1/01	[REDACTED]	2000	Oxamyl technical: An acute oral toxicity study with the northern bobwhite [REDACTED] DuPont-2954 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.1.1/03	[REDACTED]	1988a	A dietary LC ₅₀ study with the bobwhite [REDACTED] HLO 47-88 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.1.1/04	[REDACTED]	1988b	A dietary LC ₅₀ study with the mallard [REDACTED] HLO 48-88 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.3.1.1.1/02	Haupt, S.	2014	Oxamyl (DPX-D1410) technical (98% w/w): Acute oral and contact toxicity to the bumblebee, <i>Bombus terrestris</i> L. (Hymenoptera) Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-39670 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.3.1.1.2/02	Haupt, S.	2014	Oxamyl (DPX-D1410) technical (98% w/w): Acute oral and contact toxicity to the bumblebee, <i>Bombus terrestris</i> L. (Hymenoptera) Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-39670 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.8/01	Hertl, J.	2000	Oxamyl technical: Activated sludge, respiration inhibition test IBACON DuPont-3348 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.2.1/03	[REDACTED]	2012	Oxamyl (DPX-D1410) technical (98% w/w): Early life-stage toxicity test with the sheepshead minnow, <i>Cyprinodon variegatus</i> , under flow-through conditions [REDACTED] DuPont-34270 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.2.3/02	[REDACTED]	2012	Oxamyl technical (DPX-D1410): Short term reproduction assay with the fathead minnow, <i>Pimephales promelas</i> , determined under flow-through conditions [REDACTED] DuPont-31031 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.2.4.2/08	Hicks, S.L.	2012	Oxamyl (DPX-D1410) technical (98% w/w): Effect on new shell growth of the eastern oyster (<i>Crassostrea virginica</i>) ABC Laboratories, Inc. (Missouri) DuPont-34273 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.2.5.2/01	Hicks, S.L.	2013	Oxamyl (DPX-D1410) technical (98% w/w): Life-cycle toxicity test of the saltwater mysid, <i>Americamysis bahia</i> , conducted under flow-through conditions ABC Laboratories, Inc. (Missouri) DuPont-34269 GLP: No Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.2.1/01		1988	Early life stage toxicity of IN D1410-196 (oxamyl) to rainbow trout HLR 468-88 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.3.1.3/01	Klank, C.	2014	Oxamyl (DPX-D1410) technical (98% w/w): Honey bee (<i>Apis mellifera</i> L.) larval toxicity test (single feeding exposure) Eurofins Agrosience Services EcoChem GmbH DuPont-39678 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.4.1/01	Luhrs, U.	2001	Oxamyl 10G (10% w/w): Effects on reproduction and growth of the earthworm, <i>Eisenia fetida</i> , (Savigny 1826), in artificial soil IBACON DuPont-4296 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.4.1/05	Meinerling, M.	2014	Oxamyl (DPX-D1410) technical (98% w/w): Accumulation and elimination in earthworms (<i>Eisenia fetida</i>) in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-38477 GLP: Yes Published: No	N	Y	Data protection on a MS by MS basis. The study provides additional data for the regulatory decision, conducted according to GLP and has not previously been protected or submitted in all MS.	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.4.2.1/01	Meli, M.	2015	Oxamyl – Population level risk assessment for collembolans RIFCON GmbH DuPont-41996 EU GLP: No Published: No	N	N		DuPont
B.9.4.1/02	Pavić, B.	2014	IN-A2213: Effects on reproduction and growth of the earthworm, <i>Eisenia fetida</i> , in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-39672 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.4.1/03	Pavić, B.	2015a	IN-D2708: Effects on reproduction and growth of the earthworm, <i>Eisenia fetida</i> , in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-41042 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.4.1/04	Pavić, B.	2015b	IN-N0079: Effects on reproduction and growth of the earthworm, <i>Eisenia fetida</i> , in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-41045 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.4.2.1/02	Pavić, B.	2014c	Oxamyl (DPX-D1410) technical (98% w/w): Effects on the collembola <i>Folsomia candida</i> in artificial soil with 5% peat Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-39676 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.4.2.1/03	Pavić, B.	2014a	IN-A2213: Effects on the collembola <i>Folsomia candida</i> in artificial soil with 5% peat Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-39673 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.4.2.1/04	Pavić, B.	2015a	IN-D2708: Effects on the collembola <i>Folsomia candida</i> in artificial soil with 5% peat Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-41043 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.4.2.1/05	Pavić, B.	2015c	IN-N0079: Effects on the collembola <i>Folsomia candida</i> in artificial soil with 5% peat Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-41046 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.4.2.1/06	Pavić, B.	2014d	Oxamyl (DPX-D1410) technical (98% w/w): Effects on reproduction of the predatory mite <i>Hypoaspis aculeifer</i> in artificial soil with 5% peat Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-39677 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.4.2.1/07	Pavić, B.	2014b	IN-A2213: Effects on reproduction of the predatory mite <i>Hypoaspis aculeifer</i> in artificial soil with 5% peat Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-39674 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.4.2.1/08	Pavić, B.	2015b	IN-D2708: Effects on reproduction of the predatory mite <i>Hypoaspis aculeifer</i> in artificial soil with 5% peat Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-41044 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.4.2.1/09	Pavić, B.	2015d	IN-N0079: Effects on reproduction of the predatory mite <i>Hypoaspis aculeifer</i> in artificial soil with 5% peat Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-41047 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.6.2/01	Porch, J.	2001	Oxamyl (DPX-D1410) 24L: A greenhouse study to investigate the effects on seedling emergence and early growth of ten terrestrial plant species Wildlife International Ltd. (USA) DuPont-5817 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.4.2/01	Rebstock, M.	2012	Oxamyl (DPX-D1410) technical (98% w/w): Acute toxicity with the mysid shrimp, <i>Americamysis bahia</i> , determined under flow-through test conditions ABC Laboratories, Inc. (Missouri) DuPont-34271 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.2.7/01	Rebstock, M.	2012	Oxamyl (DPX-D1410) technical (98% w/w): 7-day growth inhibition test with the freshwater aquatic plant, duckweed, <i>Lemna gibba</i> ABC Laboratories, Inc. (Missouri) DuPont-34272 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.1.1/05	[REDACTED]	1982b	The effects of dietary inclusion of oxamyl on reproduction in the bobwhite quail [REDACTED] HLO 453-82 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.1.1/06	[REDACTED]	1982a	The effects of dietary inclusion of oxamyl on reproduction in the mallard duck [REDACTED] HLO 337-82 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.3.1.2/01	[REDACTED]	2014	Oxamyl (DPX-D1410) technical (98% w/w): Assessment of effects to the honeybee, <i>Apis mellifera</i> L., in a 10 days chronic feeding test under laboratory conditions Eurofins Agrosience Services, GmbH DuPont-39665 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.3.1.1.1/01	Schur, A.	1999	Oxamyl technical: Acute oral and contact toxicity to the honey bee, <i>Apis mellifera</i> L. GAB Biotechnologie, GmbH DuPont-2740 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.3.1.1.2/01	Schur, A.	1999	Oxamyl technical: Acute oral and contact toxicity to the honey bee, <i>Apis mellifera</i> L. GAB Biotechnologie, Gmbh DuPont-2740 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.5/02	Wachter, S.	2000b	IN-A2213: Assessment of the effects on soil microflora GAB Biotechnologie, Gmbh DuPont-4131 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.5/03	Wachter, S.	2000a	IN-D2708: Assessment of the effects on soil microflora GAB Biotechnologie, Gmbh DuPont-4133 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.3.2.2/01	Walker, H.	2000	Oxamyl (DPX-D1410) 10L: A laboratory study to determine the LC ₅₀ and evaluate the sublethal effects on the predatory mite <i>Typhlodromus pyri</i> Scheuten (Acari: Phytoseiidae) Ecotox Ltd. DuPont-4037 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.1/01	[REDACTED]	2000a	Oxamyl Technical: Static, acute, 96-hour, (LC ₅₀) test to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-2907 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.2.1/02	[REDACTED]	2000b	Oxamyl Technical: Static-renewal, acute, 96-hour, (LC ₅₀) test to bluegill sunfish, <i>Lepomis macrochirus</i> [REDACTED] DuPont-2908 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.2.1/03	[REDACTED]	1999a	IN-A2213: Static, acute, 96-hour limit test to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-2500 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont
B.9.2.1/05	[REDACTED]	1999b	IN-N0079: Static, acute, 96-hour, (LC ₅₀) test to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-2512 Previously submitted at the EU level for Annex I inclusion Published: No	Y	N		DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.2.4.1/02	Ward, T.J., Magazu, J.P., Boeri, R.L.	1999a	IN-A2213: Static, acute, 48-hour limit test to <i>Daphnia magna</i> T.R. Wilbury Laboratories, Inc. DuPont-2502 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.4.1/04	Ward, T.J., Magazu, J.P., Boeri, R.L.	1999b	IN-N0079: Acute, static, 48-hour toxicity (EC ₅₀) test to <i>Daphnia magna</i> T.R. Wilbury Laboratories, Inc. DuPont-2513 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont
B.9.2.6.1/02	Ward, T.J., Magazu, J.P., Boeri, R.L.	1999	IN-A2213: Influence on growth and growth rate of the alga, <i>Selenastrum capricornutum</i> T.R. Wilbury Laboratories, Inc. DuPont-2505 Previously submitted at the EU level for Annex I inclusion Published: No	N	N		DuPont

Plant Protection Product – Oxamyl 10GR

Annex point / reference number	Author(s)	Year	Title Source (where different from company) Company Report No GLP or GEP status (where relevant) Published or not	Vertebrate study (Y/N)	Data protection claimed (Y/N)	Justification if data protection is claimed	Owner
B.9.1.1.2/01	[REDACTED]	1999	Oxamyl 10G: An acute oral toxicity study with the northern bobwhite. [REDACTED] DuPont-2955 GLP: Yes Published: No		N		DuPont
B.9.1.1.2/02	Thompson, H.M.		DuPont-15823				
B.9.1.1.2/03	Thompson, H.M.		DuPont-15827, Revision No. 1				
B.9.3.1/01	[REDACTED]	2000a	Oxamyl 10G: Static, acute, 96-hour, (LC ₅₀) test to rainbow trout, <i>Oncorhynchus mykiss</i> . [REDACTED] DuPont-2912 GLP: Yes Published: No		N		DuPont
B.9.3.1/02	[REDACTED]	2000b	Oxamyl 10G: Static-renewal, acute, 96-hour, (LC ₅₀) test to bluegill sunfish <i>Lepomis macrochirus</i> . [REDACTED] DuPont-2913 GLP: Yes Published: No		N		DuPont

Annex point / reference number	Author(s)	Year	Title Source (where different from company) Company Report No GLP or GEP status (where relevant) Published or not	Vertebrate study (Y/N)	Data protection claimed (Y/N)	Justification if data protection is claimed	Owner
B.9.3.1/03	Ward, T.J.	2000	Oxamyl 10G: Acute, 48-hour EC ₅₀ to <i>Daphnia magna</i> . T.R. Wilbury Laboratories, Inc. DuPont-2555 GLP: Yes Published: No		N		DuPont
B.9.3.1/04	Boeri, R.L., Ward, T.J.	2000	Oxamyl 10G: Influence on growth and growth rate of the alga, <i>Selenastrum capricornutum</i> . T.R. Wilbury Laboratories, Inc. DuPont-3914 GLP: Yes Published: No		N		DuPont
B.9.6.1.1.1/01	Shur, A.	1999	Acute oral and contact toxicity to the honey bee, <i>Apis mellifera</i> L. GAB Biotechnologie, GmbH DuPont-2718 GLP: Yes Published: No		N		DuPont
B.9.6.1.5/01	Berg, C.	2015a	Oxamyl 10GR Tunnel Studies - Effects on bumble bees and brood -potatoes Eurofins Agrosience Services EcoChem GmbH DuPont-39666 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to	DuPont
B.9.6.1.5/02	Berg, C.	2015b	Oxamyl (DPX-D1410) 10GR [100 g/kg]: A semi-field study to evaluate effects on the brood of honey bees (<i>Apis mellifera</i> ; Hymenoptera, Apidae) in <i>Phacelia tanacetifolia</i> in Germany 2014 Eurofins Agrosience Services EcoChem GmbH DuPont-39667 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has	DuPont

Annex point / reference number	Author(s)	Year	Title Source (where different from company) Company Report No GLP or GEP status (where relevant) Published or not	Vertebrate study (Y/N)	Data protection claimed (Y/N)	Justification if data protection is claimed	Owner
B.9.6.2.2/01	Schmitzer, S.	2000	Oxamyl 10G (10% w/w): An extended laboratory study to evaluate the effects on the ground beetle, <i>Poecilus cupreus</i> L. (Coleoptera, Carabidae). IBACON DuPont-3244 GLP: Yes Published: No		Y		DuPont
B.9.6.2.2/02	Drexler, A.	2000	Oxamyl 10G (10% w/w): An extended laboratory study to evaluate the effects on the staphylinid beetle, <i>Aleochara bilineata</i> Gyll. IBACON DuPont-3245 RV1 GLP: Yes Published: No		Y		DuPont
B.9.6.2.2/03	Bruhnke, C.	2000	Oxamyl 10G: An extended laboratory study to evaluate the effects on the spider <i>Pardosa</i> spp. (Araneae, Lycosidae). Dr. U. Noack-Laboratorium for Angewandte Biologie DuPont-4053 GLP: None Published: No		Y		DuPont
B.9.8.1/01	Luhrs, U.	2000	Oxamyl 10G (10% w/w): Acute toxicity to the earthworm, <i>Eisenia fetida</i> (Savigny) in artificial soil. IBACON DuPont-3850 GLP: Yes Published: No		N		DuPont
B.9.8.1.2/01	Luhrs, U. (2004)		DuPont-9157				

Annex point / reference number	Author(s)	Year	Title Source (where different from company) Company Report No GLP or GEP status (where relevant) Published or not	Vertebrate study (Y/N)	Data protection claimed (Y/N)	Justification if data protection is claimed	Owner
B.9.8.1.2/02	Luhrs, U. (2007a)		DuPont-14075				
B.9.8.1.2/03	Luhrs, U. (2007b)		DuPont-14076				
B.9.10.1/01	Wachter, S.	2000	Oxamyl 10G: Assessment of the effects on soil microflora. GAB Biotechnologie, GmbH DuPont-3793 GLP: Yes Published: No		N		DuPont

Plant Protection Product – Oxamyl 10SL

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
--	------------------	-------------	--	-----------------------------	----------------------------	--	--------------

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.1.1.1/01	[REDACTED]	1999	Oxamyl 10L: An acute oral toxicity study with the northern bobwhite [REDACTED] DuPont-2956 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.3.1/01	[REDACTED]	2000b	Oxamyl 10L: Static, acute, 96-hour, (LC ₅₀) test to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-2910 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.3.1/02	[REDACTED]	2000c	Oxamyl 10L: Static-renewal, acute, 96-hour, (LC ₅₀) test to bluegill sunfish, <i>Lepomis macrochirus</i> [REDACTED] DuPont-2911 GLP: Yes Published: No	Y	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.3.1/03	Ward, T.J., Magazu, J.P., Boeri, R.L.	2000a	Oxamyl 10L: Acute, static-renewal, 48-hour EC ₅₀ to <i>Daphnia magna</i> [REDACTED] T.R. Wilbury Laboratories, Inc. DuPont-2556 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.3.1/04	Boeri, R.L., Ward, T.J.	2000	Oxamyl 10L: Influence on growth and growth rate of the alga, <i>Selenastrum capricornutum</i> [REDACTED] T.R. Wilbury Laboratories, Inc. DuPont-3913 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.5.1.1.1/01	Schur, A.	1999	Oxamyl 10L: Acute oral and contact toxicity to the honey bee, <i>Apis mellifera</i> L. GAB Biotechnologie, GmbH DuPont-2718 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.9.5.1.1.2/01	Schur, A.	1999	Oxamyl 10L: Acute oral and contact toxicity to the honey bee, <i>Apis mellifera</i> L. GAB Biotechnologie, GmbH DuPont-2718 Previously submitted at the EU level for Annex I inclusion Published: No	N	N	DuPont	
B.9.5.1.2/01	Balluff, M.	2002	Oxamyl (DPX-D1410) 10L - Evaluation of the side-effects on bumble bees (<i>Bombus terrestris</i> L.) after drip-irrigation treatment to tomato plants in greenhouse compartments GAB Biotechnologie, GmbH DuPont-5748 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.5.2.2/01	Adelberger, I.	2002	Oxamyl (DPX-D1410) 10L: An extended laboratory study using field aged residues to evaluate the effects on the predatory mite, <i>Typhlodromus pyri</i> Scheuten (Acari, Phytoseiidae) GAB Biotechnologie, GmbH DuPont-6133 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.5.2.2/02	Bargen, H.	2002	Oxamyl (DPX-D1410) 10L - an extended laboratory study using aged residues to evaluate the effects on predatory bug <i>Orius laevigatus</i> Fieber (Heteroptera, Anthocoridae) GAB Biotechnologie, GmbH DuPont-6132 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.5.2.2/03	Bruhnke, C.	2000	Oxamyl 10L: An extended laboratory study to evaluate the effects on the spider <i>Pardosa spec</i> L. (Araneae, Lycosidae) Dr. U. Noack-Laboratorium for Angewandte Biologie DuPont-3912 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.5.2.2/04	Drexler, A.	2000	Oxamyl 10L (DPX-D1410): An extended laboratory study to evaluate the effects on the staphylinid beetle, <i>Aleochara bilineata</i> Gyll. IBACON DuPont-3910 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.5.2.2/05	Schmitzer, S.	2000	Oxamyl 10L (DPX-D1410): An extended laboratory study to evaluate the effects on the ground beetle, <i>Poecilus cupreus</i> L. (Coleoptera, Carabidae) IBACON DuPont-3911 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont

Data Requirement No., Reference No.	Author(s)	Year	Title Source Company Report No. GLP or GEP Status (where relevant) Published or not	Vertebrate study Y/N	Data Protection Y/N	Justification if data protection is claimed	Owner
B.9.5.2.2/06	Schmitzer, S.	2001	Oxamyl 10L (DPX-D1410): An extended multi-rate laboratory study to evaluate the effects on the wolf spider, <i>Pardosa spec</i> L. (Araneae, Lycosidae) IBACON DuPont-5162 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.5.2.2/07	Schuld, M.	2002	Oxamyl (DPX-D1410) 10L: An extended laboratory study using field aged residues to evaluate the effects on the aphid parasitoid, <i>Aphidius rhopalosiphi de Stefani Perez</i> (Hymenoptera, Braconidae) GAB Biotechnologie, GmbH DuPont-6131 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.7.1.1/01	Luhrs, U.	2001	Oxamyl 10L (10% w/w): Effects on reproduction and growth of the earthworm, <i>Eisenia fetida</i> (Savigny 1826), in artificial soil IBACON DuPont-3345 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont
B.9.9.1.2/01	Wachter, S.	2001	Oxamyl (DPX-D1410) 10L: Assessment of effects on soil microflora GAB Biotechnologie, GmbH DuPont-4114 GLP: Yes Published: No	N	Y	The study is necessary for the regulatory decision, conducted according to GLP and has not previously been protected or submitted	DuPont