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Department of Food, Nutrition, and Veterinary Public Health
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ITALY**

**Monograph prepared in the context of the inclusion of the following
active substance in Annex I of the Council Directive 91/414/EEC**

Bensulfuron Methyl

Volume 2

Annex A

List of Tests and Studies

May 2006

Annex A

Active Substance: Bensulfuron Methyl

**List of tests and studies submitted and of
information available**

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Italy	May 2006	Bensulfuron Methyl

A.1 Identity (Annex IIA 1, 3.1 to 3.4; Annex 1, 3.1 to 3.7, 3.9 and 12.1)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex II Data and Information					
Lan, J.X.	IIA, 1.8./01 IIA, 1.9./01 IIA, 1.10./01	2002	Technical grade bensulfuron methyl analysis and certification of product ingredients - EU submission DuPont Stine-Haskell Research Center DuPont-8296 Not GLP, Unpublished	Y	DuPont
Morgan, E.A.	IIA, 1.9./03 IIA, 1.10./03 IIA, 1.11./02	2002	Bensulfuron methyl (DPX-F5384): analysis and certification of product ingredients for technical grade material produced at the manati and Shanghai manufacturing facilities DuPont Stine-Haskell Research Center and Chambers Works DuPont-7095 GLP, Unpublished	Y	DuPont
Simmons, R.A.	IIA, 1.11./03	2002	Bensulfuron methyl (DPX-F5384): analysis of technical material used in toxicology testing DuPont Stine-Haskell Research Center DuPont-8637 Revision No. 1 Not GLP, Unpublished	Y	DuPont
Tseng, P. K.	IIA, 1.9./02 IIA, 1.10./02 IIA, 1.11./01	1995	Technical grade bensulfuron methyl analysis and certification of product ingredients DuPont Experimental Station AMR 3139-94 GLP, Unpublished	Y	DuPont

A.2 Physical and chemical properties (Annex 2; Annex IIIA 2)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex II Data and Information					
Barefoot, A.C.	IIA, 2.8./01	1989	N-Octanol/Water partition coefficient determination of bensulfuron methyl at pH 5, pH 7, and pH 9 DuPont Experimental Station AMR 1439-89 GLP, Unpublished	Y	DuPont
Friedman, P.L.	IIA, 2.9.1./01	Not specified	Hydrolysis of ¹⁴ C-DPX-F5384 DuPont Experimental Station AMR 143-83 Not specified GLP, Unpublished	N	DuPont

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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Gravell, R.L.	IIA, 2.11.1./01 IIA, 2.11.2./01 IIA, 2.13./01	2001	Explosive properties, flammability of solids and autoflammability of bensulfuron methyl DuPont Stine-Haskell Research Center DuPont-4477 Revision No. 1 GLP, Unpublished	Y	DuPont
Hatzenbeler, C.J.	IIA, 2.9.1./02	2002	Bensulfuron methyl: Hydrolysis in buffer solutions of pH 4, 7 and 9 Ricerca, LLC DuPont-4499 GLP, Unpublished	Y	DuPont
Horne, P.	IIA, 2.9.2./01	1987	Photodegradation of [phenyl(U)- ¹⁴ C] DPX-F5384 and [pyrimidine-2- ¹⁴ C] DPX-F5384 in water (conducted in sunlight) DuPont Experimental Station AMR 899-87 Not GLP, Unpublished	N	DuPont
Huntley, K.	IIA, 2.1.1./01 IIA, 2.1.3./01	2000	Determination of melting point/melting range and thermal stability for bensulfuron methyl (DPX-F5384) ABC Laboratories Europe Ltd, ABC Laboratories, Inc. (Missouri) DuPont-3574 GLP, unpublished	Y	DuPont
Huntley, K., Edgar, L.	IIA, 2.2./01	2000	Determination of the density of bensulfuron methyl (DPX-F5384) ABC Laboratories, Inc. (Missouri) DuPont-4138 Revision No. 1 GLP, unpublished	Y	DuPont
Huntley, K., Edgar, L.	IIA, 2.4.1./01 IIA, 2.4.2./01	2000	Determination of color, physical state, and odor for bensulfuron methyl (DPX-F5384) ABC Laboratories, Inc. (Missouri) DuPont-3578 GLP, Unpublished	Y	DuPont
Huntley, K., Sarff, P.	IIA, 2.4.4./01	2000	Determination of the surface tension of bensulfuron methyl (DPX-F5384) ABC Laboratories, Inc. (Missouri) DuPont-3811 GLP, Unpublished	Y	DuPont
Jeffery, D.J.	IIA, 2.5.1./01	2000	UV/Visible absorption of bensulfuron methyl DuPont Experimental Station DuPont-1495 GLP, Unpublished	Y	DuPont
Jeffery, D.J.	IIA, 2.6./01 IIA, 2.7./01	2000	Solubility of bensulfuron methyl in water and organic solvents DuPont Experimental Station DuPont-1496 GLP, Unpublished	Y	DuPont

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Lentz, N.R.	IIA, 2.9.2./02	2003	Photodegradation of [¹⁴ C] bensulfuron methyl in natural water by simulated sunlight Ricerca, LLC DuPont-8697 GLP, Unpublished	Y	DuPont
Li, Y.	IIA, 2.9.3./01	2000	Quantum yield of bensulfuron methyl DuPont Stine-Haskell Research Center DuPont-3739 Not applicable GLP, Unpublished	Y	DuPont
Moore, L. A.	IIA, 2.6./02	1994	Solubility of bensulfuron methyl (DPX-F5384) in pH 5, 7, and 9 aqueous buffers DuPont Experimental Station AMR 2862-93 GLP, Unpublished	Y	DuPont
Moore, L.A.	IIA, 2.15./01	2004	Bensulfuron methyl (DPX-F5384): oxidizing properties DuPont-15128 Not applicable GLP, Unpublished	Y	DuPont
Nobuhiro, K., Mitsubishi, K.K.	IIA, 2.9.4./01	2001	Measurement of dissociation constant of bensulfuron methyl Mitsubishi K.K. Safety Science Laboratory D000158 GLP, Unpublished	Y	DuPont
Schmuckler, M.E.	IIA, 2.3.1./01	2001	Vapour pressure of bensulfuron methyl DuPont Stine-Haskell Research Center AMR 2284-92 Revision No. 1 GLP not applicable, Unpublished	Y	DuPont
Schmuckler, M.E.	IIA, 2.3.2./01	2000	Henry's law constant for bensulfuron methyl DuPont Stine-Haskell Research Center DuPont-4663 GLP not applicable, Unpublished	Y	DuPont
Schmuckler, M.E.	IIA, 2.5.1./02	2000	¹ H nuclear magnetic resonance (NMR), mass spectrum (MS), infrared (IR) and ¹³ Carbon NMR spectra bensulfuron methyl DuPont Experimental Station DuPont-3534 GLP, Unpublished	Y	DuPont
Schmuckler, M.E.	IIA, 2.8./02	2001a	The calculated octanol water partition coefficient (K _{ow}) of IN-J290 DuPont Stine-Haskell Research Center DuPont-4624 GLP not applicable, Unpublished	Y	DuPont
Schmuckler, M.E.	IIA, 2.8./03	2001b	The calculated octanol water partition coefficient (K _{ow}) of bensulfuron methyl metabolite sulfonamide (IN-N5297) DuPont Stine-Haskell Research Center DuPont-4625 GLP not applicable, Unpublished	Y	DuPont

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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Schmuckler, M.E.	IIA, 2.10./01	2000	Photochemical oxidative degradation of bensulfuron methyl DuPont Stine-Haskell Research Center DuPont-4662 Not applicable GLP, Unpublished	Y	DuPont
Van-Nguyen A.	IIA, 2.9.2./03	2003	Photodegradation of bensulfuron methyl in a simulated paddy system DuPont Stine-Haskell Research Center DuPont-11110 GLP, Unpublished	Y	DuPont
Annex III Data and Information					
Anon	IIIA, 2.0./01	1987	Physical and chemical characteristics of Du Pont Londax® 60DF herbicide DuPont Experimental Station PC 5384-1-87 Not GLP, Unpublished	N	DuPont
Bloemer, D.S.	IIIA, 2.0./02 IIIA, 2.1./01 IIIA, 2.4.2./01 IIIA, 2.6.2./01 IIIA, 2.7.1./01 IIIA, 2.7.3./01 IIIA, 2.8.1./01 IIIA, 2.8.2./01 IIIA, 2.8.3./01 IIIA, 2.8.5./01 IIIA, 2.8.6.1./01 IIIA, 2.8.6.2./01 IIIA, 2.8.6.3./01 IIIA, 2.8.8.1./01	2000	Physical, chemical and technical properties of bensulfuron methyl 60% water-dispersible granular herbicide formulation DuPont Stine-Haskell Research Center DuPont-4366 GLP, Unpublished	Y	DuPont
Gravell, R.L.	IIIA, 2.2.1./01 IIIA, 2.2.2./01 IIIA, 2.3./01	2001	Explosive and oxidizing properties, flammability of solids and relative self-ignition of bensulfuron methyl 60% water-dispersible granular herbicide formulation DuPont Stine-Haskell Research Center and DuPont Explosion Hazards Lab DuPont-4031 GLP, Unpublished	Y	DuPont

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A.3 Further information (Annex IIA 3; Annex IIIA 3 and 4)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex III Data and Information					
Cahill, W. R.	IIIA, 4.2./01	2002	Bensulfuron methyl 60% water-dispersible granular herbicide formulation: laboratory cleanout DuPont Stine-Haskell Research Center DuPont-10466 Not GLP, Unpublished	Y	DuPont

A.4 Classification, packaging and labelling (Annex IIA 10; Annex IIIA 12.3 and 12.4)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex II - Annex III Data and Information					

A.5 Methods of analysis (Annex IIA 4; Annex IIIA 5)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex II Data and Information					
Amoo, J.S., Jones, W.	IIA, 4.2.1./01	2001	Analytical enforcement method for the determination of bensulfuron methyl in rice (grain and straw) using column-switching liquid chromatography with ultraviolet detection DuPont Stine-Haskell Research Center DuPont-4510 Not applicable GLP, Unpublished	Y	DuPont
Bacher, R.	IIA, 4.2.4./01	2001	Development and validation of analytical methods for the determination of seven sulfonylurea herbicides in air (Amended) PTRL Europe DuPont-4560 GLP, Unpublished	Y	DuPont
Cicotti, M	IIA, 4.2.1./02	1990	Determination of residues of DPX-F5384 in rice grain, straw, water and paddy soil Battelle Europe - Geneva Research Centres BE-A-11-89-21-BG GLP, Unpublished	Y	DuPont

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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Devine, T.J., Jin, L.	IIA, 4.2.3./01	2004	Analytical method for the determination and confirmation of 13 DuPont sulfonylurea herbicides in water using LC/MS/MS DuPont Stine-Haskell Research Center DuPont-5491, Revision No. 1 Not GLP, Unpublished	Y	DuPont
Hill, S.J., Stry, J.J.	IIA, 4.2.2./01	2001	Analytical methods for the determination of 13 DuPont sulfonylurea herbicides in soil using LC/MS/MS. DuPont Stine-Haskell Research Center DuPont-5082, Revision No. 1 GLP, Unpublished	Y	DuPont
Hornshuh, M.J.	IIA, 4.2.1./03	2003	Magnitude of residues of bensulfuron methyl in rice (cereals) following application of bensulfuron methyl (DPX-F5384) 60WG formulation in wetland rice fields - Southern Europe, Season 2002 DuPont Experimental Station DuPont-9208 GLP, Unpublished	Y	DuPont
Morgan, E.A.	IIA, 4.1.1./01 IIA, 4.1.2./01 IIIA, 5.1.1./01	2002	Bensulfuron methyl (DPX-F5384): Analysis and certification of product ingredients for technical grade material Produced at the Manati and Shanghai manufacturing facilities. DuPont Stine-Haskell Research Center and Chambers Works DuPont-7095 (Non confidential) GLP, Unpublished	Y	DuPont
Powley, C.R.	IIA, 4.2.1./04	2003	Independent laboratory validation of Dupont-4510, "Analytical enforcement method for the determination of bensulfuron methyl in rice (grain and straw) using column-switching liquid chromatography with ultraviolet detection" on rice grain DuPont Stine-Haskell Research Center DuPont-5592 GLP, Unpublished	Y	DuPont
Slates, R. V.	IIA, 4.2.1./05	1983b	Determination of rice herbicide candidate DPX-F5384 in rice grain DuPont Experimental Station AMR 132-83, Revision No. 1 Not GLP, Unpublished	N	DuPont
Slates, R. V.	IIA, 4.2.1./06	1988	Determination of rice herbicide candidate DPX-F5384 in rice grain DuPont Experimental Station AMR 132-83, Amendment No. 1 Not GLP, Unpublished	N	DuPont
Slates, R. V.	IIA, 4.2.1./07	1986	Determination of rice herbicide candidate DPX-F5384 in rice grain DuPont Experimental Station AMR 132-83, Addendum No. 1 Not GLP, Unpublished	N	DuPont

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Zenide, D.	IIA, 4.2.1./08	2002	Determination of residues of DPX-F5384 in rice grain, straw, water and paddy soil Battelle Europe - Geneva Research Centres BE-A-11-89-21-BG Amendment No. 1 GLP, Unpublished	Y	DuPont
Zenide, D., Leka, A.	IIA, 4.2.2./02 IIA, 4.2.3./02	1997	Method Validation for the determination of metsulfuron methyl and bensulfuron methyl residues in soil and water Battelle Europe - Geneva Research Centres A 11-95-27 GLP, Unpublished	Y	DuPont
Zhou, M.	IIA, 4.2.1./09	1993	Analytical method for the determination of bensulfuron methyl residues in rice grain and rice straw by HPLC using a column and eluent switching system DuPont Experimental Station AMR 2722-93 Not applicable GLP, Unpublished	Y	DuPont

A.6 Toxicology and metabolism (Annex IIA 5; Annex IIIA 7)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex II Data and Information					
Arce, G.T.	IIA, 5.4.1./01	1987	Mutagenicity evaluation of INF-5384-7 in <i>Salmonella typhimurium</i> DuPont Haskell Laboratory HLR 609-81, Revision No. 2 GLP, Unpublished	N	DuPont
Armondi, S.	IIA, 5.2.6./01	1991	Closed-patch repeated insult dermal sensitization study (maximization method) with DPX-F5384-122 in guinea pigs [REDACTED] HLO 628-91 GLP, Unpublished	N	DuPont
Bentley, K.S.	IIA, 5.8.1./01	1994	Mutagenicity testing of IN-J290-17 in the <i>Salmonella typhimurium</i> and <i>Escherichia coli</i> plate incorporation assay DuPont Haskell Laboratory HLR 319-94, Revision No. 2 GLP, Unpublished	N	DuPont
Bolte, H.F.	IIA, 5.3.2./01	1986	A one-year feeding study in dogs with H14793 [REDACTED] HLO 35-86, Addendum No. 1 Not GLP, Unpublished	N	DuPont

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Burgess, B.A.	IIA, 5.2.3./01	1983	Inhalation median lethal concentration (LC ₅₀) on IN-F5384 by EPA protocol [REDACTED] HLR 332-83 GLP, Unpublished	N	DuPont
Chromey, N.C.	IIA, 5.4.1./03	1984	CHO/HGPRT assay for gene mutation DuPont Haskell Laboratory HLR 212-84 Not GLP, Unpublished	N	DuPont
Chromey, N.C., McCooley, K.T.	IIA, 5.4.1./04	1984	Unscheduled DNA synthesis/rat hepatocytes <i>in vitro</i> [REDACTED] HLR 278-84 Not GLP, Unpublished	N	DuPont
Cornelissen, K.S., Lewis, C., Hopkins, R.	IIA, 5.1./01	1990	(¹⁴ C)-Bensulfuron methyl: Absorption, distribution, metabolism and excretion in the rat [REDACTED] AMR 964-87 GLP, Unpublished	N	DuPont
Cornelissen, K.S., Lewis, C., Hopkins, R.	IIA, 5.1./02	1992	(¹⁴ C)-Bensulfuron methyl: Absorption, distribution, metabolism and excretion in the rat [REDACTED] AMR 964-87, Amendment No. 1 GLP, Unpublished	N	DuPont
Cornelissen, K.S., Lewis, C., Hopkins, R.	IIA, 5.1./03	1993	(¹⁴ C)-Bensulfuron methyl: absorption, distribution, metabolism and excretion in the rat [REDACTED] AMR 964-87, Amendment No. 2 GLP, Unpublished	N	DuPont
Covell, D.L.	IIA, 5.4.1./02	1988	<i>In-vitro</i> evaluation of IN-F5384-122 for chromosome aberrations in human lymphocytes [REDACTED] HLR 26-88 GLP, Unpublished	N	DuPont
Daly, I.W.	IIA, 5.3.2./02	1986	One-year feeding study in dogs with DPX-F5384 (5 Volumes) [REDACTED] HLO 35-86 Not GLP, Unpublished	N	DuPont
Farrow, M.G.	IIA, 5.4.2./01	1984	<i>In vivo</i> bone marrow chromosome study in rats [REDACTED] HLO 210-84 GLP, Unpublished	N	DuPont
Finlay, C.	IIA, 5.8.1./02	1994	Acute oral toxicity study with IN-J290-17 in male and female rats [REDACTED] HLR 348-94 GLP, Unpublished	N	DuPont

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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Fisher, G.A., Sarver, J.W.	IIA, 5.8.1./03	1985b	Approximate lethal dose (ALD) of IN-B6895-2 in rats [REDACTED] HLR 577-85 Not GLP, Unpublished	N	DuPont
Gargus, J.L.	IIA, 5.2.2./01	1983	Acute skin adsorption LD ₅₀ test on rabbits with technical DPX-F5384 [REDACTED] HLO 225-83 Not applicable GLP, Unpublished	N	DuPont
Gargus, J.L., Cline, E.J.	IIA, 5.2.4./01 IIA, 5.2.5./01	1984	Skin irritation test on rabbits for EPA pesticide registration [REDACTED] HLO 187-84, Revision No. 1 Not GLP, Unpublished	N	DuPont
Hirano, M.	IIA, 5.3.2./03	1984	DPX-F5384: 13-week oral subacute toxicity study in mice [REDACTED] 5384 TOX 1 Not GLP, Unpublished	N	DuPont
Kinney, L.A.	IIA, 5.2.3./02	1987	Inhalation median lethal concentration (LC ₅₀) of INF-5384-38 by EPA protocol [REDACTED] HLR 332-83, Addendum GLP, Unpublished	N	DuPont
Lamontia, C.L.	IIA, 5.6.2./01	1999	Developmental toxicity study of INF-5384-38 by gavage in the rat [REDACTED] HLR 1-84, Revision No. 2 Not GLP, Unpublished	N	DuPont
Maita, K.	IIA, 5.5./01	1985	DPX-F5384: 24-month oral chronic toxicity and oncogenicity study in mice (10 Volumes) [REDACTED] TX 5384-1-86 GLP, Unpublished	N	DuPont
Mullin, L.S.	IIA, 5.6.1./01	1989	Reproductive and fertility effects with IN F5384-122 multigeneration reproduction study in rats (Two Volumes) [REDACTED] HLR 430-89 GLP, Unpublished	N	DuPont
O'Neal, F.O.	IIA, 5.3.2./04	1986	Ninety-day feeding and one-generation reproduction study in rats with benzoic acid, 2-((((4,6-dimethoxy-2- pyrimidinyl) amino)-carbonyl)amino) sulfonylmethyl)-methyl ester, (INF-5384) [REDACTED] HLR 186-83 Not GLP, Unpublished	N	DuPont

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O'Neal, F.O.	IIA, 5.9.1./01	1996	Medical examination summaries of employees manufacturing and formulating DuPont sulfonylurea herbicides: Manati, Puerto Rico facility DuPont Barley Mill Plaza CHLORI-METS/GEN 1 GLP Not applicable position paper, Unpublished	N	DuPont
Redgate, D.	IIA, 5.2.1./01	1984	Median lethal dose (LD ₅₀) of IN-F-5384-52 in rats - EPA proposed guidelines [REDACTED] HLR 239-84 GLP Not specified, Unpublished	N	DuPont
Rickard, L.B.	IIA, 5.8.1./04	1985a	Mutagenicity evaluation of INB-6895-2 in <i>Salmonella typhimurium</i> (Ames assay) DuPont Haskell Laboratory HLR 613-85 GLP, Unpublished	N	DuPont
Rickard, L.B.	IIA, 5.8.1./05	1985b	Mutagenicity evaluation of INR-9419-1 in <i>Salmonella typhimurium</i> DuPont Haskell Laboratory HLR 653-85 GLP, Unpublished	N	DuPont
Sarver, J.W.	IIA, 5.8.1./06	1985	Approximate lethal dose (ALD) of INR9419-1 in rats [REDACTED] HLR 525-85 Not GLP, Unpublished	N	DuPont
Slone, T.W.	IIA, 5.5./02	1988a	Combined chronic toxicity/oncogenicity study with IN-F5384 long-term feeding and two-generation, four-litter reproduction study in rats supplemental appendix (Two Volumes) [REDACTED] HLR 662-85, Supplement No. 1 GLP, Unpublished	N	DuPont
Slone, T.W.	IIA, 5.5./03	1988b	Combined chronic toxicity/oncogenicity study with IN-F5384 long-term feeding and two-generation, four-litter reproduction study in rats supplemental tables and appendix [REDACTED] HLR 662-85, Supplement No. 3 GLP, Unpublished	N	DuPont
Stadler, J.C.	IIA, 5.3.2./05	1986	Three-month feeding study in dogs with INF-5384 [REDACTED] HLR 3-85, Revision No. 1 Not GLP, Unpublished	N	DuPont

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Stadler, J.C.	IIA, 5.5./04	1986	Long-term feeding and two-generation, four-litter reproduction study in rats with INF-5384 (four volumes) [REDACTED] HLR 662-85 Not GLP, Unpublished	N	DuPont
Stula, E.F.	IIA, 5.3.2./06	1988	One-year feeding study in dogs with DPX-F5384 (5 Volumes) [REDACTED] HLO 35-86, Supplement No. 1 Not GLP, Unpublished	N	DuPont
Stula, E.F.	IIA, 5.3.2./07	1986	Supplementary tables required for registration in Japan [REDACTED] HLR 186-83, Supplement No. 1 Not GLP, Unpublished	N	DuPont
Stula, E.F.	IIA, 5.5./05	1988	Combined chronic toxicity/oncogenicity study with IN-F5384 long-term feeding and two-generation, four-litter reproduction study in rats supplemental tables and appendix [REDACTED] HLR 662-85, Supplement No. 2 GLP, Unpublished	N	DuPont
Summers, J.C.	IIA, 5.8.1./07	1983	Mutagenicity evaluation in <i>Salmonella</i> <i>typhimurium</i> DuPont Haskell Laboratory HLR 292-83, Revision No. 1 Not GLP, Unpublished	N	DuPont
Vlachos, D.A.	IIA, 5.4.1./05	1986	<i>In vitro</i> evaluation of INF-5384-52 for sister chromatid exchange in chinese hamster ovary (CHO) cells [REDACTED] HLR 683-86 GLP, Unpublished	N	DuPont
Vlachos, D.A.	IIA, 5.4.2./02	1987	<i>In vivo</i> bone marrow chromosome study in rats treated with INF-5384-52 (H# 14,793-02) [REDACTED] HLO 210-84, Addendum No. 1 GLP, Unpublished	N	DuPont
Wylie, C.N.	IIA, 5.8.1./09	1983	Ten-dose oral subacute test in rats (IN-J290-1) [REDACTED] HLR-260-83 Not GLP, Unpublished	N	DuPont
Wylie, C.N., Burgess, B.A.	IIA, 5.8.1./08	1983	Approximate lethal dose (ALD) of IN-N5297-1 in rats [REDACTED] HLR 315-83 Not GLP, Unpublished	N	DuPont

Rapporteur Member State	Month and year	Active Substance (Name)
Italy	May 2006	Bensulfuron Methyl

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Zellers, J.E.	IIA, 5.6.2./02	1985	INF-5384: Developmental toxicity study in rabbits dosed by gavage on days 7-19 of gestation [REDACTED] HLR 704-85 GLP, Unpublished	N	DuPont
Zellers, J.E.	IIA, 5.6.2./03	1987	Teratogenicity study of INF-5384 in rabbits dosed by gavage on days 7-19 of gestation [REDACTED] HLR 704-85, Addendum No. 1 GLP, Unpublished	N	DuPont
Frost, L. O'Neal, F.		2006	Position Paper Evaluation of toxicological relevance of the bensulfuron methyl metabolite IN-J0290 Published: No	N	DuPont
Annex III Data and Information					
Hardesty, P.T.	IIIA, 7.3./01	1990	Dermal absorption of [¹⁴ C]bensulfuron methyl in rats [REDACTED] AMR 1527-89 GLP, Unpublished	N	DuPont
Henry, J.E.	IIIA, 7.1.5./01	1986	Primary eye irritation study with IN-F5384-85 in rabbits [REDACTED] HLR 618-86 GLP, Unpublished	N	DuPont
Henry, J.E.	IIIA, 7.1.5./02	1991	Supplement No. 1 to primary eye irritation study with Londax® 60 DF (IN-F5384-85) in rabbits [REDACTED] HLR 618-86, Supplement No. 1 GLP, Unpublished	N	DuPont
Moore, G.E.	IIIA, 7.1.6./01	2002	Bensulfuron methyl (DPX-F5384) 60WG: Dermal sensitization test - Buehler Method [REDACTED] DuPont-9898 GLP, Unpublished	Y	DuPont
Moore, G.E.	IIIA, 7.1.6./02	2003	Bensulfuron methyl (DPX-F5384) 60WG: Dermal sensitization - Magnusson-Kligman maximization method [REDACTED] DuPont-12391 GLP, Unpublished	Y	DuPont
Sarver, J.W.	IIIA, 7.1.1./01	1986	Acute oral toxicity study with IN-F5384-85 in Rats [REDACTED] HLR 680-86 GLP, Unpublished	N	DuPont

Rapporteur Member State	Month and year	Active Substance (Name)
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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Sarver, J.W.	IIIA, 7.1.2./01	1986	Acute dermal toxicity study with INF-5384-85 in rabbits [REDACTED] HLR 708-86 GLP, Unpublished	N	DuPont
Sarver, J.W.	IIIA, 7.1.4./01	1986	Primary dermal irritation study with IN-- F5384-85 in rabbits [REDACTED] HLR 712-86 GLP, Unpublished	N	DuPont

A.7 Residue data (Annex IIA 6; Annex IIIA 8 and 12.2)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex II Data and Information					
Bonacini, F., Zenide, D., Gasser, F., Leka, A.	IIA, 6.3./01	1998	Field dissipation of bensulfuron methyl and metsulfuron methyl from a representative rice field following treatment of three consecutive years with Sigma 60 DF herbicide in Italy Battelle Europe - Geneva Research Centres AMR 4162-96 GLP, Unpublished	Y	DuPont
Bonacini, F., Zenide, D., Gasser, F., Leka, A.	IIA, 6.3./02	1999	Field dissipation of bensulfuron methyl and metsulfuron methyl from a representative rice field following treatment of three consecutive years with Sigma 60 DF herbicide in Italy seasons 1994-1996, and magnitude of residue in rice grains Battelle Europe - Geneva Research Centres AMR 4162-96, Amendment No. 1 GLP, Unpublished	Y	DuPont
Cicotti, M.	IIA, 6.3./03	1992	Determination of Residues of Bensulfuron Methyl (DPX-F5384) in Rice Grain by HPLC-PCD Following Treatment With Londax® 60WG(Greece 1991) Battelle Europe - Geneva Research Centres BE-A-11-92-09-BG GLP, Unpublished	Y	DuPont

Rapporteur Member State	Month and year	Active Substance (Name)
Italy	May 2006	Bensulfuron Methyl

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Devine, T. J.	IIA, 6.0./01	1997	Freezer storage stability of DPX-F5384 in rice straw samples DuPont Experimental Station AMR 3056-94 GLP, Unpublished	Y	DuPont
Hunt, O. R.	IIA, 6.2./01	1988	Metabolism of [phenyl- ¹⁴ C(U)] DPX-F5384 in a lactating goat DuPont Experimental Station AMR 219-84, Revision No. 1 GLP, Unpublished	N	DuPont
Hunt, O.R., Berus, J.S.	IIA, 6.1./01	1986	Metabolism of [Phenyl(U)- ¹⁴ C] DPX-F5384 and [Pyrimidine-2- ¹⁴ C] DPX-F5384 in Field-Grown Japonica Rice DuPont Experimental Station AMR 473-86 Not GLP, Unpublished	N	DuPont
Monson, K.D., Bullock, J.H.	IIA, 6.6./01	1985	Crop rotation studies with ¹⁴ C-labeled DPX-F5384 in the greenhouse DuPont Experimental Station AMR 335-85 Not GLP, Unpublished	N	DuPont
Nathan III, E.C.	IIA, 6.0./02	2002	Storage stability of bensulfuron methyl in rice grain: Data summary in support of the registration of Londax® 60 DF on rice crops in Southern Europe DuPont Stine-Haskell Research Center DuPont-8797 GLP, Unpublished	Y	DuPont
Scott, M.T.	IIA, 6.2./02	1991	Metabolism study of [¹⁴ C]bensulfuron methyl in laying hens DuPont Experimental Station and Hazleton Laboratories America, Inc. AMR 1454-89 GLP, Unpublished	Y	DuPont
Weber, H., Bramble Jr, F.Q.	IIA, 6.0./03 IIA, 6.3./04	2002	Magnitude of residues of bensulfuron methyl in rice (cereals) following application of bensulfuron methyl 60 WG formulation in paddy rice fields - southern europe, season 2000 Dr. Specht & Partner Chemische Laboratorien GmbH DuPont-4139 GLP, Unpublished	Y	DuPont
Weber, H., Hornshuh, M.J.	IIA, 6.3./05	2003	Magnitude of residues of bensulfuron methyl in rice (cereals) following application of bensulfuron methyl (DPX- F5384) 60WG formulation in wetland rice fields - Southern Europe, Season 2002 DuPont Experimental Station DuPont-9208 GLP, Unpublished	Y	DuPont

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A.8 Environmental fate and behaviour (Annex IIA 7; Annex IIIA 9)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex II Data and Information					
Aikens, P.J.	IIA, 7.1.2./01	2001a	[¹⁴ C]IN-N5297: Adsorption/Desorption in five soils Huntingdon Life Sciences, Ltd. DuPont-5263 GLP, Unpublished	Y	DuPont
Aikens, P.J.	IIA, 7.1.2./02	2001b	[¹⁴ C]IN-J0290: Adsorption/Desorption in five soils Huntingdon Life Sciences, Ltd. DuPont-5264 GLP, Unpublished	Y	DuPont
Aikens, P.J.	IIA, 7.1.2./03	2002a	Adsorption/Desorption of [¹⁴ C]IN-R9419 in five soils Huntingdon Life Sciences, Ltd. DuPont-6246 GLP, Unpublished	Y	DuPont
Aikens, P.J.	IIA, 7.1.2./04	2002b	Adsorption/Desorption of [¹⁴ C]IN-DIR84 in five soils Huntingdon Life Sciences, Ltd. DuPont-6248 GLP, Unpublished	Y	DuPont
Anderson, J.J., Swain, R.S.	IIA, 7.1.1.1.1./01 7.1.1.2.1./01	2002	Route of degradation of bensulfuron methyl in aerobic soil DuPont Stine-Haskell Research Center DuPont-4325 GLP, Unpublished	Y	DuPont
Anselmetti, M.P., Vietti, L., Greppi, M., Silvestri S.	IIA, 7.4./01	1998	Monitoring of the surface and stratum waters of the rice-growing area of northwest Italy XI Symposium, Pesticide Chemistry, pages 211-222 Not applicable – Publication Not GLP, Published	N	Authors
Barefoot, A.C., Whitehead, C.F.	IIA, 7.4./02	2004	Summary of surface water monitoring data for bensulfuron methyl in Italy DuPont Stine-Haskell Research Center DuPont-15347 Not applicable GLP:– position paper, Unpublished	Y	DuPont
Barnes, S.P.	IIA, 7.2.1.3.1./01	2002	Bensulfuron methyl (DPX-F5384): Assessment of ready biodegradability by modified Sturm test Huntingdon Research Centre (UK) DuPont-9781 GLP, Unpublished	Y	DuPont

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Rapporteur Member State	Month and year	Active Substance (Name)
Italy	May 2006	Bensulfuron Methyl

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Bonacini, F., Zenide, D., Gasser, F., Leka, A.	IIA, 7.1.1.2.2./01	1998	Field dissipation of bensulfuron methyl and metsulfuron methyl from a representative rice field following treatment of three consecutive years with Sigma 60 DF herbicide in Italy (seasons 1994 – 1996) Battelle Europe-Geneva Research Centres AMR 4162-96 GLP, Unpublished	N	DuPont
Bonacini, F., Zenide, D., Gasser, F., Leka, A.	IIA, 7.1.1.2.2./02	1999	Field dissipation of bensulfuron methyl and metsulfuron methyl from a representative rice field following treatment of three consecutive years with Sigma 60 DF herbicide in Italy seasons 1994-1996, and magnitude of residue in rice grains Battelle Europe - Geneva Research Centres AMR 4162-96, Amendment No. 1 GLP, Unpublished	Y	DuPont
Brusa, T., Ferrari, F.	IIA, 7.1.1.2.1./02	1997	Bensulfuron methyl: Mixed culture microbial degradation maintenance Microbiol. Res., Volume 152, pages 137-141 GLP Not applicable, Published	N	Authors
Cadwgan, G.E., Ryan, T.W.	IIA, 7.1.1.1.2./01 7.1.1.2.1./03	1986	Anaerobic aquatic metabolism of [Pyrimidine -2- ¹⁴ C] DPX-F5384 and [Phenyl(U)- ¹⁴ C] DPX-H6573 in water DuPont Experimental Station AMR 606-86 GLP, Unpublished	N	DuPont
Cavanna, S., Garatti, E., Rastelle, E., Molinari, G.P.	IIA, 7.1.2./05	1998	Adsorption and desorption of bensulfuron methyl on Italian paddy field soils Chemosphere, Volume 37(8), pages 1547-1555 Not applicable – Publication Not GLP, Published	N	Authors
Crowe, A.	IIA, 7.1.1.2.1./04	2002	Degradation rate of IN-F7880 in four soils Huntingdon Life Sciences, Ltd. DuPont-7177 GLP, Unpublished	Y	DuPont
Crowe, A.	IIA, 7.1.2./06	2002	Adsorption/Desorption of IN-F7880 in five soils Huntingdon Life Sciences, Ltd. DuPont-7178 GLP, Unpublished	Y	DuPont
Friedman, P.L.	IIA, 7.1.1.1.1./02 7.1.1.2.1./05	1984	Aerobic soil metabolism of ¹⁴ C-DPX-F5384 DuPont Experimental Station AMR 216-84 Not GLP, Unpublished	N	DuPont

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Italy	May 2006	Bensulfuron Methyl

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Hatzenbeler, C.J.	IIA, 7.2.1.1./01	2002	Bensulfuron methyl: Hydrolysis in buffer solutions of pH 4, 7, and 9 Ricerca, LLC DuPont-4499 GLP, Unpublished	Y	DuPont
Horne, P.	IIA, 7.2.1.2./01	1987	Photodegradation of [Phenyl(U)- ¹⁴ C] DPX-F5384 and [Pyrimidine-2- ¹⁴ C] DPX-F5384 in water (conducted in sunlight) DuPont Experimental Station AMR 899-87 Not GLP, Unpublished	N	DuPont
Hunt, O.R.	IIA, 7.2.1.3.2./01	1986	Aerobic aquatic metabolism of [Phenyl(U)- ¹⁴ C] DPX-F5384 and [Pyrimidine-2- ¹⁴ C] DPX-F5384 DuPont Experimental Station AMR 475-86 GLP, Unpublished	N	DuPont
Lentz, N.R.	IIA, 7.2.1.2./02	2003	Photodegradation of [¹⁴ C] bensulfuron methyl in natural water by simulated sunlight Ricerca, LLC DuPont-8697 GLP, Unpublished	Y	DuPont
Lentz, N.R.	IIA, 7.2.1.3.2./02	2001	Aerobic aquatic metabolism of bensulfuron methyl in two water/sediment systems Ricerca, LLC DuPont-4362 GLP, Unpublished	Y	DuPont
Peter, J.	IIA, 7.4./03	1997	Surface and ground water monitoring study in Italy, east and west Sesia area, to assess contamination of bensulfuron methyl and metsulfuron methyl following annual application of Sigma Battelle Europe - Geneva Research Centres AMR 4618-97 GLP except field application phase, Unpublished	N	DuPont
Priester, T.M.	IIA, 7.1.2./07	1985	Batch equilibrium (adsorption/desorption) and soil thin-layer chromatography studies with ¹⁴ C-DPX-F5384 DuPont Experimental Station AMR 254-84 Not GLP, Unpublished	N	DuPont
Sabadie, J.	IIA, 7.2.1.1./02	1996	Alcoholysis and chemical hydrolysis of bensulfuron methyl Weed Research, Volume 36, pages 441-448 Not applicable – Publication Not GLP, Published	N	Author

Rapporteur Member State	Month and year	Active Substance (Name)
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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Schmuckler, M.E.	IIA, 7.2.2./01	2000	Photochemical oxidative degradation of bensulfuron methyl DuPont Stine-Haskell Research Center DuPont-4662 GLP Not required, Unpublished	Y	DuPont
Scott, M.T.	IIA, 7.1.1.1.2./02	1986	Photodegradation of [Phenyl(U)- ¹⁴ C] DPX-F5384 and [Pyrimidine-2- ¹⁴ C] DPX-F5384 on soil DuPont Experimental Station AMR 512-86 Not GLP, Unpublished	N	DuPont
Shaw, D.	IIA, 7.1.1.2.1./06	2002a	Degradation rates of [¹⁴ C]IN-N5297 in four soils Huntingdon Life Sciences, Ltd. DuPont-5265 GLP, Unpublished	Y	DuPont
Shaw, D.	IIA, 7.1.1.2.1./07	2002b	Degradation rates of [¹⁴ C]IN-J0290 in four soils Huntingdon Life Sciences, Ltd. DuPont-5266 GLP, Unpublished	Y	DuPont
Shaw, D.	IIA, 7.1.1.2.1./08	2002c	Degradation rates of [¹⁴ C]IN-R9419 in four soils Huntingdon Life Sciences, Ltd. DuPont-6245 GLP, Unpublished	Y	DuPont
Shaw, D.	IIA, 7.1.1.2.1./09	2002d	Degradation rates of [¹⁴ C]IN-D1R84 in four soils Huntingdon Life Sciences, Ltd. DuPont-6247 GLP, Unpublished	Y	DuPont
Van-Nguyen, A., Theilacker, W.M.	IIA, 7.2.1.3.2./03	2003	Photodegradation of bensulfuron methyl in a simulated paddy system DuPont Stine-Haskell Research Center DuPont-11110 GLP, unpublished	Y	DuPont
A. Van- Nguyen	IIA 7.1.1.1.2; IIIA 9.1.1 IIA 7.0/01	2004	Calculated half-lives of bensulfuron methyl in environmental fate studies DuPont -Stine-Haskell Research Center DuPont-14410 Not applicable – Calculation GLP: No	Y	DuPont
Yordy, J.R.	IIA, 7.1.1.1.1./03 7.1.1.2.1./10	1987	Aerobic soil metabolism of DPX-F5384 DuPont Stine-Haskell Research Center AMR 782-87 GLP, Unpublished	N	DuPont

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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex III Data and Information					
Warren, R.	IIIA, 9.1.3./01 IIIA, 9.2.1./01 IIIA, 9.2.3./01	2004	Predicted environmental concentrations of bensulfuron methyl and degradates associated with rice production in the EU: MED-RICE and RICEWQ/RIVWQ simulations. DuPont Stine-Haskell Research Center DuPont-12165 Not GLP, Unpublished	Y	DuPont
Warren, R.	IIIA 9.1.3 <i>cross reference not provided</i>	2006	Predicted Environmental Concentrations of Bensulfuron Methyl and Metabolites in Soil, Ground Water, Surface Water, Sediment, and Air Following Application to Rice in the EU. Revision I DuPont Stine-Haskell Research Center DuPont-12165 GLP: No Published: No	Y	DuPont

A.9 Ecotoxicology (Annex IIA 8; Annex IIIA 10)

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Annex II Data and Information					
Beavers, J.B.	IIA, 8.1.1./01	1984	An acute oral toxicity study in the mallard with H #15,190 [REDACTED] HLO 154-84 Not GLP, Unpublished	N	DuPont
Beavers, J.B.	IIA, 8.1.2./01	1984a	A dietary LC ₅₀ study in the mallard with H # 15,190 [REDACTED] HLO 34-84 Not GLP, Unpublished	N	DuPont
Beavers, J.B.	IIA, 8.1.2./02	1984b	A dietary LC ₅₀ study in the bobwhite with H # 15,190 [REDACTED] HLO 35-84 Not GLP, Unpublished	N	DuPont
Boeri, R.L.	IIA, 8.2.1./01	1988	Static acute toxicity of Haskell sample number 16,985 to the sheepshead minnow, <i>Cyprinodon variegatus</i> [REDACTED] HLO 243-88 GLP, Unpublished	N	DuPont

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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Boeri, R.L.	(IIA, 8.2) IIA, 8.2.4./01	1988	Static acute toxicity of Haskell sample number 16,985 to embryos and larvae of the eastern oyster <i>Crassostrea virginica</i> Enseco Incorporated HLO 172-88 GLP, Unpublished	N	DuPont
Boeri, R.L.	IIA, 8.2.4./02	1988	Static acute toxicity of Haskell sample number 16,985 to the <i>Mysid</i> , <i>Mysidopsis bahia</i> Enseco Incorporated HLO 242-88 GLP, Unpublished	N	DuPont
Boeri, R.L., Wyskiel, D.C., Ward, T.J.	IIA, 8.2.6./01	2002	IN-DIR84: Influence on growth and growth rate of the green algal <i>Selenastrum capricornatum</i> T.R. Wilbury Laboratories DuPont-9393, Revision No. 1 GLP; Unpublished	Y	DuPont
Boeri, R.L., Wyskiel, D.C., Ward, T.J.	IIA, 8.2.8./01	2002	IN-DIR84: Influence on growth and reproduction of <i>Lemna gibba</i> G3 T.R. Wilbury Laboratories DuPont-9437 GLP, Unpublished	Y	DuPont
El-Ghamry, A.M., Xu, J.M., Huang, C.Y., Gan, J.	IIA, 8.5./01	2002	Microbial response to bensulfuron-methyl treatment in soil Journal of Agricultural and Food Chemistry 50, pages 136-139 Not applicable – Publication Not GLP, Published	N	Authors
Gallagher, S.P., Beavers, J.B., Jaber, M.	IIA, 8.1.3./01	2002	Bensulfuron methyl (DPX-F5384) technical: A one generation reproduction study with the mallard [REDACTED] DuPont-5081 GLP, Unpublished	Y	DuPont
Gigliotti, C., Allievi, L., Salardi, C., Ferrari, F., Farini, A.	IIA, 8.5./02	1998	Microbial ecotoxicity and persistence in soil of the herbicide bensulfuron-methyl J. Environmental Science Health, Volume B33(4), pages 381-398 Not applicable - Publication Not GLP, Published	N	Authors
Gries, T.	IIA, 8.2.1./02	2002	IN-N5297: Static, acute, 96-hour, limit test to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-9791 GLP, Unpublished	Y	DuPont
Gries, T.	IIA, 8.2.4./03	2002	IN-N5297: Static, acute, 48-hour EC ₅₀ to <i>Daphnia magna</i> Springborn Laboratories (Europe) AG DuPont-9790 GLP, Unpublished	Y	DuPont

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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Gries, T.	IIA, 8.2.6./02	2002	IN-N5297: Influence on growth and growth rate of the green alga <i>Selenastrum capricornutum</i> Springborn Laboratories (Europe) AG DuPont-9792 GLP, Unpublished	Y	DuPont
Gries, T.	IIA, 8.2.8./02	2002	IN-N5297: Influence on growth and reproduction of <i>Lemna gibba</i> G3 Springborn Laboratories (Europe) AG DuPont-9793 GLP, Unpublished	Y	DuPont
Hall, C.L.	IIA, 8.2.1./03	1986	Static acute 96-hour LC ₅₀ of INF-5384-52 to channel catfish (<i>Ictalurus punctatus</i>) [REDACTED] HLR 526-86 GLP, Unpublished	N	DuPont
Hertl, J.	IIA, 8.7./01	2001	Bensulfuron methyl technical (DPX-F5384): Activated sludge, respiration inhibition test Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-5163, Revision No 1 GLP, Unpublished	Y	DuPont
Hoke, R.A.	IIA, 8.2.1./04	2002	IN-J0290: Static, acute, 96-hour LC ₅₀ to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-7358 GLP, Unpublished	Y	DuPont
Hoke, R.A.	IIA, 8.2.4./04	2002	IN-J0290: Static, acute, 48-hour EC ₅₀ to <i>Daphnia magna</i> DuPont Haskell Laboratory DuPont-7357 GLP, Unpublished	Y	DuPont
Hoke, R.A.	IIA, 8.2.7./01	1997	Bensulfuron methyl/metsulfuron methyl (DPX-JM206) 60WG(DF) (29:1): Static, acute, 96-hour test to the chironomid, <i>Chironomus tentans</i> DuPont Haskell Laboratory HL-1997-01207 GLP, Unpublished	Y	DuPont
Hutton, D.G.	IIA, 8.2.2.2./01	1988	Early life-stage toxicity of IN F5384-122 to fathead minnows [REDACTED] HLR 530-88, Supplement No. 1 GLP, Unpublished	N	DuPont
Johnson, I.C., Drotter, K.R.	IIA, 8.2.4./05	1987	Acute toxicity of H-16,441 to the crayfish (<i>Procambarus clarki</i>) Environmental Science and Engineering, Inc. HLO 57-87 GLP, Unpublished	N	DuPont

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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Kolzer, U.	IIA, 8.5./03	2002	IN-J0290: Assessment of the effects on soil microflora Arbeitsgemeinschaft GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH DuPont-9199 GLP, Unpublished	Y	DuPont
Kolzer, U.	IIA, 8.5./04	2002	Bensulfuron methyl (DPX-F5384) 60WG: Assessment of the effects on soil microflora Arbeitsgemeinschaft GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH DuPont-9198 GLP, Unpublished	Y	DuPont
Larkin, J.C.	IIA, 8.2.3./01	1984a	DPX-F5384 [¹⁴ C-phenyl(U)] flowthrough bioconcentration study with carp, <i>Cyprinus carpio</i> [REDACTED] AMR 180-84 Not GLP, Unpublished	N	DuPont
Larkin, J.C.	IIA, 8.2.3./02	1984b	DPX-F5384 [¹⁴ C-phenyl(U)] flow-through bioconcentration study with rainbow trout, <i>Salmo gairdneri</i> [REDACTED] AMR 181-84 Not GLP, Unpublished	N	DuPont
Leva, S.	IIA, 8.2.8./08	2003	IN-DAT97: Influence on growth and reproduction of <i>Lemna gibba</i> G3 DuPont Haskell Laboratory for Health and Environmental sciences DuPont-12201 GLP, Unpublished	Y	DuPont
Luhrs, U.	IIA, 8.4.1./01	2001	Bensulfuron methyl technical: Acute toxicity to the earthworm, <i>Eisenia fetida</i> (Savigny) in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-4591 GLP, Unpublished	Y	DuPont
Luhrs, U.	IIA, 8.4.1./02	2002a	IN-J0290: Acute toxicity of the earthworm, <i>Eisenia fetida</i> in artificial soil IBACON DuPont-7274 GLP, Unpublished	Y	DuPont
Luhrs, U.	IIA, 8.4.1./03	2002b	IN-D1R84: Acute toxicity to the earthworm, <i>Eisenia fetida</i> in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-7277 GLP, Unpublished	Y	DuPont

Rapporteur Member State	Month and year	Active Substance (Name)
Italy	May 2006	Bensulfuron Methyl

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Luhrs, U.	IIA, 8.4.1./04	2002c	IN-R9419: Acute toxicity to the earthworm, <i>Eisenia fetida</i> in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-7272 GLP, Unpublished	Y	DuPont
Luhrs, U.	IIA, 8.4.1./05	2002d	IN-N5297: Acute toxicity of the earthworm, <i>Eisenia fetida</i> in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-7273 GLP, Unpublished	Y	DuPont
Luhrs, U.	IIA, 8.4.1./06	2002e	IN-F7880: Acute toxicity of the earthworm, <i>Eisenia fetida</i> in artificial soil Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-7276 GLP, Unpublished	Y	DuPont
McComish, M.F., Marquis, J.K.	IIA, 8.2.3./03	1991	Residues of [¹⁴ C]bensulfuron methyl in channel catfish ████████████████████ AMR 1542-89 GLP, Unpublished	N	DuPont
Nienstedt, K.M., Kollmann, S.I.	IIA, 8.3.2./01	2001	Bensulfuron methyl (DPX-F5384) 60WG: A multi-dose toxicity test with the predatory mite, <i>Typhlodromus pyri</i> Scheuten (Acari: Phytoseiidae) Springborn Laboratories (Europe) AG DuPont-5179 GLP, Unpublished	Y	DuPont
Nienstedt, K.M., Novent, O.	IIA, 8.3.2./02	2001	Bensulfuron Methyl (DPX-F5384) 60WG: A multi-dose toxicity test with the aphid parasitoid, <i>Aphidius rhopalosiphi</i> (Hymenoptera: Braconidae) Springborn Laboratories (Europe) AG DuPont-5178 GLP, Unpublished	Y	DuPont
Porch, J.R.	IIA, 8.6./02	2004b	Bensulfuron methyl (DPX-F5438) 60WG: A greenhouse study to investigate the effects on vegetative vigor of ten terrestrial plant species following foliar exposure Wildlife Int'l Ltd. DuPont-12417 GLP, Unpublished	Y	DuPont

Rapporteur Member State	Month and year	Active Substance (Name)
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Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Porch, J.R., Martin, K.H.	IIA, 8.6./01	2004a	Bensulfuron methyl (DPX-F5384) 60WG: A greenhouse study to investigate the effects on seedling emergence and growth of ten terrestrial plant species following soil exposure Wildlife Int'l Ltd. DuPont-12416 GLP, Unpublished	Y	DuPont
Reis, K.H.	IIA, 8.5./05	2002	IN-R9419: Assessment of the effects on soil microflora Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-8050 Revision No. 1 GLP, Unpublished	Y	DuPont
Reis, K.H.	IIA, 8.5./06	2002	IN-N5297: Assessment of the effects on soil microflora Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-8051 GLP, Unpublished	Y	DuPont
Reis, K.H.	IIA, 8.5./07	2002	IN-D1R84: Assessment of the effects on soil microflora Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-8053 GLP, Unpublished	Y	DuPont
Reis, K.H.	IIA, 8.5./08	2002	IN-F7880: Assessment of the effects on soil microflora Institut für Biologische Analytik und Consulting IBACON GmbH DuPont-8052 GLP, Unpublished	Y	DuPont
Romaire, R.P., Kleinow, K.M.	IIA, 8.2.3./04	1989	Flow-through crayfish bioconcentration study with ¹⁴ C-bensulfuron methyl [REDACTED] [REDACTED] [REDACTED] AMR 965-87 GLP, Unpublished	N	DuPont
Samel, A.	IIA, 8.2.1./05	2001a	Bensulfuron methyl (DPX-F5384) technical: Static, acute, 96-hour, limit test to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-5444 GLP, Unpublished	Y	DuPont
Samel, A.	IIA, 8.2.1./06	2001b	Bensulfuron methyl (DPX-F5384) technical: Static, acute, 96-hour, limit test to bluegill sunfish, <i>Lepomis Macrochirus</i> [REDACTED] DuPont-5445 GLP, Unpublished	Y	DuPont

Rapporteur Member State	Month and year	Active Substance (Name)
Italy	May 2006	Bensulfuron Methyl

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Samel, A.	IIA, 8.2.2.2./02	2003	Bensulfuron methyl (DPX-F5384) technical: early life-stage toxicity to rainbow trout, <i>Oncorhynchus mykiss</i> [REDACTED] DuPont-5446, Revision No.1 GLP, Unpublished	Y	DuPont
Samel, A.	IIA, 8.2.4./06	2001	Bensulfuron methyl (DPX-F5384) technical: Static, acute 48-hour toxicity test to <i>Daphnia magna</i> . DuPont Haskell Laboratory DuPont-5443 GLP, Unpublished	Y	DuPont
Samel, A.	IIA, 8.2.5./01	2002	Bensulfuron methyl (DPX-F5384) technical: 21 day chronic, static-renewal toxicity to <i>Daphnia magna</i> . DuPont Haskell Laboratory DuPont-9066 GLP, Unpublished	Y	DuPont
Samel, A.	IIA, 8.2.5./02	2002	IN-J0290: 21-day chronic toxicity to <i>Daphnia magna</i> DuPont Haskell Laboratory DuPont-9340 GLP, Unpublished	Y	DuPont
Samel, A.	IIA, 8.2.5./03	2002	IN-N5297: 21-day chronic toxicity to <i>Daphnia magna</i> DuPont Haskell Laboratory DuPont-10245 GLP; Unpublished	Y	DuPont
Sloman, T. L.	IIA, 8.2.6./07	2002c	IN-T5831: Influence on growth and growth rate of the green algal <i>Selenastrum capricornatum</i> DuPont Haskell Laboratory DuPont-7841 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.6./03	2001a	Bensulfuron methyl (DPX-F5384) technical: influence on growth and growth rate of the green algal <i>Selenastrum capricornatum</i> DuPont Haskell Laboratory DuPont-5440 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.6./04	2001b	Bensulfuron methyl (DPX-F5384) technical: Influence on growth and growth rate of the blue-green alga <i>Anabaena flos-aquae</i> DuPont Haskell Laboratory DuPont-5441, Revision No. 1 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.6./05	2002a	IN-J0290: Influence on growth and growth rate of the green alga <i>Selenastrum capricornutum</i> DuPont Haskell Laboratory DuPont-7359 GLP, Unpublished	Y	DuPont

Rapporteur Member State	Month and year	Active Substance (Name)
Italy	May 2006	Bensulfuron Methyl

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Sloman, T.L.	IIA, 8.2.6./06	2002b	IN-R9419: Influence on growth and growth rate of the green algal <i>Selenastrum capricornutum</i> DuPont Haskell Laboratory DuPont-7360 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.6./08	2002d	IN-F7880: Influence on growth and growth rate of the green alga <i>Selenastrum capricornutum</i> Dupont Haskell Laboratory DuPont-7362 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.6./09	2003	IN-DAT97: Influence on growth and growth rate of the green algal <i>Selenastrum capricornutum</i> DuPont Haskell Laboratory for health and environmental sciences DuPont-12200 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.8./03	2001	Bensulfuron methyl (DPX-F5384) technical: Influence on growth and reproduction of <i>Lemna gibba</i> G3 DuPont Haskell Laboratory DuPont-5442 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.8./04	2002a	IN-R9419: Influence on growth and reproduction of <i>Lemna gibba</i> G3 DuPont Haskell Laboratory DuPont-7361 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.8./05	2002	IN-T5831: Influence on growth and reproduction of <i>Lemna gibba</i> G3 DuPont Haskell Laboratory DuPont-7842 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.8./06	2002b	IN-F7880: Influence on growth and reproduction of <i>Lemna gibba</i> G3 DuPont Haskell Laboratory DuPont-7363 GLP, Unpublished	Y	DuPont
Sloman, T.L.	IIA, 8.2.8./07	2002	IN-J0290: Influence on growth and reproduction of <i>Lemna gibba</i> G3 DuPont Haskell Laboratory DuPont-9339 GLP, Unpublished	Y	DuPont
Wainwright, M.J.	IIA, 8.3.1.1./01	2002	Bensulfuron methyl (DPX-F5384): Acute oral and contact toxicity to the honey bee, <i>Apis mellifera</i> L. (Hymenoptera, Apidae) Huntingdon Life Sciences Limited DuPont-5088 GLP, Unpublished	Y	DuPont

Annex III Data and Information

Rapporteur Member State	Month and year	Active Substance (Name)
Italy	May 2006	Bensulfuron Methyl

Author(s)	Annex point/ reference number	Year	Title Company Report No. Source (where different) GLP or GEP status (where relevant) Published or not	Data Protection Claimed Y/N	Owner
Hutton, D.G.	IIIA, 10.2.1./01	1988a	Static acute 48-hour EC ₅₀ of IN-F5384-85 to <i>Daphnia magna</i> DuPont Haskell Laboratory HLR 625-88 GLP, Unpublished	Y	DuPont
Hutton, D.G.	IIIA, 10.2.1./02	1988b	Static acute 96-hour LC ₅₀ of IN-F5384- 85 to rainbow trout (<i>Salmo gairdneri</i>) [REDACTED] HLR 654-88 GLP, Unpublished	Y	DuPont
Sloman, T.	IIIA, 10.2.1./03	2001a	Bensulfuron methyl (DPX-F5384) 60WG: Influence on growth and growth rate of green alga <i>Selenastrum</i> <i>capricornutum</i> DuPont Haskell Laboratory DuPont-5437 GLP, Unpublished	Y	DuPont
Sloman, T.	IIIA, 10.2.1./04	2001b	Bensulfuron methyl (DPX-F5384) 60WG: Influence on growth and growth rate of blue-green alga <i>Anabaena flos-aquae</i> DuPont Haskell Laboratory DuPont-5438 GLP, Unpublished	Y	DuPont
Sloman, T.	IIIA, 10.2.1./05	2001c	Bensulfuron methyl (DPX-F5384) 60WG: Influence on growth and reproduction of <i>Lemna gibba</i> G3 DuPont Haskell Laboratory DuPont-5439 GLP, Unpublished	Y	DuPont