



METRIBUZIN

List of Annex II studies which were considered
as relied upon for the evaluation with a view to
Annex I inclusion
and for which the main submitter (Bayer
Cropscience) has claimed data protection

Version 2.0

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B.1 Identity, B.2 Physical and chemical properties, B.3 Data on application and further information, B.4 Proposals for classification and labelling, B.5 Methods of analysis

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	Reports¹ on previous use in granting national authorizations
AIIA-1.8; AIIA-1.9; AIIA-1.10; AIIA-1.11	Anonymous	2002	Metribuzin - Doc J Tier II - Section 1: Identity of the active substance. MO-02-004008 not GLP, unpublished CHE2003-501 CONFIDENTIAL	
AIIA-1.11; AIIA-4.1.1; AIIA-4.1.2; AIIA-4.1.3	Leibowitz, S.J.	1999	The composition of technical SENCOR. 108788; MO-99-005217 GLP, unpublished CHE2002-1152 CONFIDENTIAL	
AIIA-1.11	Talbott, T.D.	1980	The Composition of Sencor. Amended 01.03.1983. 68761; MO-01-021259 GLP, unpublished CHE2003-500 CONFIDENTIAL	
II A, 1.11 /05	Riegner, K.	2005	Metribuzin, Method of manufacture and comparison of analytical data (1980-2005) Report No.: M-256192-01-1, Edition Number: M-256192-01-1 Non GLP, unpublished CHE2005-1494 CONFIDENTIAL	

¹ Entries are based on information received from the main data submitter and in certain cases Member States. Neither the Commission nor the Member States are responsible for the completeness or validity of this information received.

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II A, 1.11 /06	Neumann, P.	2005	Metribuzin, Ecotoxicological evaluation of the impurities [<i>impurity 3, see Vol. 4</i>] and [<i>impurity 2, see Vol. 4</i>] Report No.: M-256214-01-1, Edition Number: M-256214-01-1 Non GLP, unpublished CHE2005-1495 CONFIDENTIAL	
AIIA-2.1.1	Schneider, J.	2002	Melting Point of DIC 1468 (Metribuzin). 14 0054 1073; MO-02-007587 GLP, unpublished CHE2003-502	
AIIA-2.15	Heinz, U.	2005	Determination of safety-relevant data of Metribuzin Report No.: 05/00585 Edition Number: MO-05-009481 GLP, unpublished CHE2005-1340	
AIIA-3.5	Drewes, M.	2001	Screening and efficacy data for KTS9864 (Diketo-metribuzin equal DK-metribuzin). PF-F-HB_METRIBUZIN04 not GLP, unpublished BIO2003-975	
AIIA-3.5	Drewes, M.	2000	Screening and efficacy data for DIC2164 (Desamino-diketo-metribuzin equal DADK). METRIBUZIN-03 not GLP, unpublished BIO2003-974	
AIIA-3.5	Drewes, M.	2002	Screening and efficacy data for MKH3780 (Desamino-Isomer of metribuzin). PF-F-HB_Metribuzin01 not GLP, unpublished BIO2003-973	
II A, 3.5.2 /04	Drewes, M.	2002	Screening and efficacy data for [<i>impurity 2, see Vol. 4</i>] Report No.: PF-F-HB_DIC1467_01, Edition Number: M-256182-01-1 Non GLP, unpublished BIO2005-6658	
AIIA-4.1; AIIA-4.1.3	Leibowitz, S.J.	2001	The Validation of Bayer Analytical Test Method C-28.19, Sodium Bromide in Technical SENCOR. 110731; MO-01-016054 GLP, unpublished CHE2002-1151 CONFIDENTIAL	

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AIIA-4.2.1.1	Anspach, T.	2003	Enforcement method for the determination of residues of Metribuzin in plant materials - validation of DFG method S 19 (extended revision) Report No.: 00086/M053 Edition Number: MO-03-000522 Method Report No.: BAY-0211V GLP, unpublished MET2005-574	
AIIA-4.2.1.1	Class, T.	2003	Independent laboratory validation of DFG method S19 (extended revision) for the determination of residues of Metribuzin in materials of plant origin (Bayer CropScience enforcement method 00086/0M053) Report No.: P/B 633 G Edition Number: MO-03-004814 Method Report No.: P/B 633 G GLP, unpublished MET2005-575	
AIIA-1.1.1; AIIA-4.1.1; AIIA-4.1.2; AIIA-4.1.3	Leibowitz, S.J.	1999	The composition of technical SENCOR. 108788; MO-99-005217 GLP, unpublished CHE2002-1152 CONFIDENTIAL	

B.6 Toxicology and metabolism

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	Reports on previous use in granting national authorizations
AIIA-5.2.6	Vohr, H.-W.	2002	DIC 1468: Study for the skin sensitisation effect in guinea pigs (guinea pig maximisation test according to Magnusson and Kligman). T7071441 ! PH-32081 GLP, unpublished TOX2002-1705	
AIIA-5.3.2	Jones, R.D. and Hastings, T.F.	2002	Technical grade metribuzin (DIC 1468): A subchronic toxicity feeding study in the Beagle dog. 110933 GLP, unpublished TOX2002-1712	

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AIIA-5.8.1.2.3	Ballantyne, M.	2005	DIC 1468-DADK: Reverse mutation in five histidine-requiring strains of <i>Salmonella typhimurium</i> Report No.: 2355/6-D6171 Edition Number: MO-05-005385 GLP, unpublished TOX2005-1683	BCS
AIIA-5.8.1.2.3	Lloyd, M.	2005	DIC 1468 DADK: Mutation at the hprt locus of L5178Y Mouse Lymphoma Cells using the Microtitre Fluctuation Technique Report No.: 2355/7-D6173 Edition Number: MO-05-007512 GLP, unpublished TOX2005-1684	
AIIA-5.8.1.2.3	Whitwell, J.	2005	DIC 1468-DADK: Induction of chromosome aberrations in cultured human peripheral blood lymphocytes Report No.: 2355/8-D6172 Edition Number: MO-05-008571 GLP, unpublished TOX2005-1685	

B.7 Residue data

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	Reports on previous use in granting national authorizations
none				

B.8 Environmental fate and behaviour

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	Reports on previous use in granting national authorizations
AIIA-7.1.1.2.1	Busch, W.	2002	Metribuzin – To whom it may concern. MO 02-003966 not GLP, unpublished BOD2002-776 Letter of Access	
AIIA-7.1.3.3	Lösel, P.	2002	Determination of the insecticidal activity of KTS9450 compared to that of the parent compound metribuzin Insecticidal Microscreening (IMI). Rep.No.: 2 not GLP, unpublished BOD2002-772	
AIIA-7.1.3.3	Lösel, P.	2002	Determination of insecticidal activity of KTS9450 compared to that of the parent compound metribuzin Insecticidal Microscreening (IMO). Rep.No.: 1 not GLP, unpublished BOD2002-770	
AIIA-7.1.3.3	Meisner, P. and Kolb, U.	2000	Herbicidal Screening Data for Metribuzin-desmethylthio (KTS9450). MPE NTP 08/00 not GLP, unpublished BOD2002-769	

B.9 Ecotoxicology

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	Reports on previous use in granting national authorizations
AIIA-8.2.7; AIIIA-10.2.4	Dorgerloh, M. and Sommer, H.	2002	Influence of Metribuzin-DA on Development and Emergence of Larvae of <i>Chironomus riparius</i> in a Water-Sediment System. DOM 21072! E 416 2207 - 2 GLP, unpublished WAT2002-775	
AIIA-8.3.2; AIIIA-10.5.1	van Stratum, P. and Jacobs, G.	2002	A laboratory dose-response study to evaluate the effects of Metribuzin WG 70 on survival and reproduction of the predaceous mite <i>Typhlodromus pyri</i> Scheuten (Acari: Phytoseiidae). B078TPL GLP, unpublished ANA2002-430	

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AIIA-8.3.2 AIIIA-10.5.1	Wilhelmy, H.	1999	Extended laboratory test on <i>Typhlodromus pyri</i> (Acari: Phytoseiidae). IRM62551, 981214BN Edition Number: M-014266-01-1 GLP, unpublished WAS2000-675	
AIIA-8.4.1 AIIA-8.4.2 AIIIA-10.6.1.2	Lührs, U.	2001	Effects of Metribuzin WG 70 on reproduction and growth of earthworms <i>Eisenia fetida</i> in artificial soil. 11601022 Edition Number: M-076736-01-1 GLP, unpublished ARW2002-278	
AIIA-8.6; AIIIA-10.8	Fiebig, S.	2000	Mistral. Terrestrial plants toxicity, vegetative vigor, tier II. TNW71131 GLP, unpublished PFL2001-90	
AIIA-8.6; AIIIA-10.8	Lechelt-Kunze, C.	2002	Determination of phytotoxicity (EC ₅₀ and EC ₂₅) of Metribuzin WG 70 for <i>Brassica napus</i> (turnip) in a vegetative vigour test. LKC/NTP 2/02 ! E 426-2170-2 GLP, unpublished PFL2002-179	
AIIA-8.6; AIIIA-10.8	Lechelt-Kunze, C.	2002	Determination of phytotoxicity (EC ₅₀ and EC ₂₅) of Metribuzin WG 70 for <i>Brassica napus</i> (turnip) in a seedling emergence and seedling growth test. LKC/NTP 1/02 ! E 426-2171-3 GLP, unpublished PFL2002-178	