



Draft Assessment Report

Evaluation of Active Substances

Plant Protection Products

Prepared according to **Regulation (EC) 1107/2009**
as it applies in Great Britain (GB PPP)

Cinmethylin (BAS 684 H)

Volume 2

Great Britain

November 2020

A. LIST OF THE TESTS, STUDIES AND INFORMATION SUBMITTED

A.1. IDENTITY

Datapoint	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 1.11/1	Nemitz A. et al.	2018 a	Analytical characterization of five batches Cinmethylin Technical Grade Active Ingredient derived from pilot plant scale 2017/1183896 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF
KCA 1.11/2	Nemitz A. et al.	2018 b	Analytical characterization of five batches Cinmethylin Technical Grade Active Ingredient used for Toxicological Assessment 2017/1183895 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF
KCA 4.1.1/3	Nemitz A., Rieger V.	2017 a	Validation of the analytical method APL0729/01 - Determination of technical impurities in Cinmethylin (BAS 684 H, TGAI) 2017/1124117 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF

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KCA 4.1.1/4	Nemitz A.	2017 a	Analytical method APL0729/01 - Determination of technical impurities in Cinnethylin (BAS 684 H, TGAI) 2017/1124116 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF
KCA 4.1.1/5	Bacher R.	2017 a	Validation of an analytical method for the determination of the solvents n-Heptane, Toluene and o-Xylene in Cinnethylin TGAI by means of Headspace GC 2016/1296121 EAG Laboratories PTRL Europe, Ulm, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF
KCA 4.1.1/6	Bacher R., Nemitz A.	2017 a	Determination of the solvents in n- Heptane, Toluene and o-Xylene in Cinnethylin TGAI by means of headspace GC 2016/1296120 EAG Laboratories PTRL Europe, Ulm, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF

Datapoint	Author(s)	Year	Title Company Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.1/7	Tolle S., Rieger V.	2018 a	Analysis of the enantiomeric ratio in five batches of Cinmethylin TGAI (BAS 684 H, Reg.No. 900202) 2017/1156361 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF
KCA 4.1.1/8	Tolle S.	2018 a	Analysis of the enantiomeric ratio in five batches of Cinmethylin TGAI (BAS 684 H, Reg.No. 900202) 2017/1134339 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF
KCA 5.8/1	██████████ ██████████ ████	1986 a	Acute oral LD50 study of sample A - DL-85-399 in Sprague-Dawley rats CI-470-002 ████ █████ █████ █████ ████████████████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
KCA 5.8/2	██████████ ████	1988 a	The acute dermal toxicity of cineole alcohol CI-470-004 ████████████████████████████████ ████████████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF

Datapoint	Author(s)	Year	Title Company Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 5.8/3	██████████ ████	1985 a	Acute inhalation toxicity study of DL-85-399 sample A in sprague-dawley rats CI-470-005 ████ ███ ███ ███ ████████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
KCA 5.8/4	██████████	1987 a	The skin irritancy of cineole alcohol CI-470-008 ████████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
KCA 5.8/5	██████████ ██████████	1985 a	Primary eye irritation study of sample A - DL85399 in New Zealand white rabbits CI-470-011 ████ ███ ███ ███ ████████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
KCA 5.8/6	██████████ ██████████ ████	1986 b	Contact sensitization study of sample A - DL 85399 in albino guinea pigs CI-470-014 ████ ███ ███ ███ ████████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF

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KCA 5.8/7	Barfknecht T.R. et al.	1986 a	Cineole alcohol sample A: DL 85399 - Ames salmonella/microsome plate test CI-470-017 Pharmakon Research International Inc., Waverly PA, United States of America yes Unpublished	No	Yes	Data for first approval	BASF
KCA 5.8/8	Brooks T.M., Wiggins D.E.	1987 a	Bacterial mutagenicity studies with cineole alcohol CI-470-025 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF
KCA 5.8/9	Meyer A.L., Wiggins D.E.	1988 a	Genotoxicity studies with cineole alcohol: In vitro chromosome studies with cineole alcohol CI-470-019 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF
KCA 5.8/10	Meyer A.L., Wiggins D.E.	1988 b	Genotoxicity studies with cineole alcohol: In vitro chromosome studies with cineole alcohol CI-470-018 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF

Datapoint	Author(s)	Year	Title Company Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 5.8/11	[REDACTED]	1988 a	Cineole alcohol: A 28 day oral toxicity study in Fischer 344 rats CI-470-016 [REDACTED] [REDACTED] yes Unpublished	Yes	Yes	Data for first approval	BASF
KCA 5.8/12	Brooks T.M., Wiggins D.E.	1990 a	Argold: Bacterial mutagenicity studies with SD 205655 CI-470-022 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF
KCA 5.8/13	[REDACTED]	1990 a	SD 205655: Acute oral toxicity CI-470-024 [REDACTED] [REDACTED] yes Unpublished	Yes	Yes	Data for first approval	BASF
KCA 5.8/14	Brooks T.M., Wiggins D.E.	1990 b	Argold: Bacterial mutagenicity studies with SD 201290 CI-470-021 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF

Datapoint	Author(s)	Year	Title Company Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 5.8/15	██████████	1990 b	SD 201290: Acute oral toxicity CI-470-023 ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
KCA 5.8/16	Anonymous	2018 a	CaseUltra - QSAR prediction of mutagenicity (Ames) on Cinmethylin and its impurities 2017/1158720 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF
KCA 5.8/17	Anonymous	2018 b	CaseUltra - QSAR prediction of mutagenicity (Ames-Konsolidator) on Cinmethylin and its impurities 2017/1158721 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF
KCA 5.8/18	Anonymous	2018 c	Case Ultra - QSAR prediction of genotoxicity (in vivo MNT) on Cinmethylin and its impurities 2017/1158722 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF

Datapoint	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 5.8/19	Anonymous	2018 d	Toxtree QSAR summary table (in vivo MNT): Impurities 2017/1158723 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF
KCA 5.8/20	Klyosov A.A.	1996 a	Kinetics and specificity of human liver aldehyde dehydrogenase toward aliphatic, aromatic and fused polycyclic aldehydes 1996/1007220 <none>, <none>, <none> no Published	No	No	Not applicable	public
KCA 5.8/21	Pettersson B. et al.	1980 a	Effects of tobacco smoke compounds on the noradrenaline induced oxidative metabolism in isolated brown fat cells 1980/1002027 <none>, <none>, <none> no Published	No	No	Not applicable	public
KCA 5.8/22	Veskoukis A.S. et al.	2004 a	Substrate specificity of guinea pig liver aldehyde oxidase and bovine milk Xanthine oxidase for Methyl- and Nitrobenzaldehyde 2004/1042554 <none>, <none>, <none> no Published	No	No	Not applicable	public

Datapoint	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 5.8/23	Pilotti A. et al.	1975 a	Effects of tobacco and tobacco smoke constituents on cell multiplication in vitro 1975/1001221 <none>, <none>, <none> no Published	No	No	Not applicable	public
KCA 5.8/24	Thelestam M. et al.	1980 a	Effect of tobacco smoke compounds on the plasma membrane of cultured human lung fibroblasts 1980/1002028 <none>, <none>, <none> no Published	No	No	Not applicable	public

Active Ingredient (by Author):

Author(s)	Data point(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
Anonymous	KCA 5.8/16	2018 a	CaseUltra - QSAR prediction of mutagenicity (Ames) on Cinnethylin and its impurities 2017/1158720 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF
Anonymous	KCA 5.8/17	2018 b	CaseUltra - QSAR prediction of mutagenicity (Ames-Konsolidator) on Cinnethylin and its impurities 2017/1158721 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF
Anonymous	KCA 5.8/18	2018 c	Case Ultra - QSAR prediction of genotoxicity (in vivo MNT) on Cinnethylin and its impurities 2017/1158722 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF
Anonymous	KCA 5.8/19	2018 d	Toxtree QSAR summary table (in vivo MNT): Impurities 2017/1158723 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF

Author(s)	Data point(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
Bacher R.	KCA 4.1.1/5	2017 a	Validation of an analytical method for the determination of the solvents n-Heptane, Toluene and o-Xylene in Cinmethylin TGAI by means of Headspace GC 2016/1296121 EAG Laboratories PTRL Europe, Ulm, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF
Bacher R., Nemitz A.	KCA 4.1.1/6	2017 a	Determination of the solvents in n-Heptane, Toluene and o-Xylene in Cinmethylin TGAI by means of headspace GC 2016/1296120 EAG Laboratories PTRL Europe, Ulm, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF
Barfknecht T.R. et al.	KCA 5.8/7	1986 a	Cineole alcohol sample A: DL 85399 - Ames salmonella/microsome plate test CI-470-017 Pharmakon Research International Inc., Waverly PA, United States of America yes Unpublished	No	Yes	Data for first approval	BASF
Brooks T.M., Wiggins D.E.	KCA 5.8/8	1987 a	Bacterial mutagenicity studies with cineole alcohol CI-470-025 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF

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Brooks T.M., Wiggins D.E.	KCA 5.8/12	1990 a	Argold: Bacterial mutagenicity studies with SD 205655 CI-470-022 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF
Brooks T.M., Wiggins D.E.	KCA 5.8/14	1990 b	Argold: Bacterial mutagenicity studies with SD 201290 CI-470-021 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF
██████████ ████	KCA 5.8/3	1985 a	Acute inhalation toxicity study of DL-85-399 sample A in sprague-dawley rats CI-470-005 ████████████████████ ████████████████████ ████████████████████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
██████████	KCA 5.8/11	1988 a	Cineole alcohol: A 28 day oral toxicity study in Fischer 344 rats CI-470-016 ████ █████ █████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
██████████ ████	KCA 5.8/13	1990 a	SD 205655: Acute oral toxicity CI-470-024 ████ █████ █████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF

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Klyosov A.A.	KCA 5.8/20	1996 a	Kinetics and specificity of human liver aldehyde dehydrogenase toward aliphatic, aromatic and fused polycyclic aldehydes 1996/1007220 <none>, <none>, <none> no Published	No	No	Not applicable	public
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Meyer A.L., Wiggins D.E.	KCA 5.8/10	1988 b	Genotoxicity studies with cineole alcohol: In vitro chromosome studies with cineole alcohol CI-470-018 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF

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Nemitz A.	KCA 4.1.1/4	2017 a	Analytical method - APL0729/01 - Determination of technical impurities in Cinmethylin (BAS 684 H, TGAI) 2017/1124116 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF
Nemitz A. et al.	KCA 1.11/1	2018 a	Analytical characterization of five batches Cinmethylin Technical Grade Active Ingredient derived from pilot plant scale 2017/1183896 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF
Nemitz A. et al.	KCA 1.11/2	2018 b	Analytical characterization of five batches Cinmethylin Technical Grade Active Ingredient used for Toxicological Assessment 2017/1183895 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF
Nemitz A., Rieger V.	KCA 4.1.1/3	2017 a	Validation of the analytical method APL0729/01 - Determination of technical impurities in Cinmethylin (BAS 684 H, TGAI) 2017/1124117 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF

Author(s)	Data point(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
Pettersson B. et al.	KCA 5.8/21	1980 a	Effects of tobacco smoke compounds on the noradrenaline induced oxidative metabolism in isolated brown fat cells 1980/1002027 <none>, <none>, <none> no Published	No	No	Not applicable	public
Pilotti A. et al.	KCA 5.8/23	1975 a	Effects of tobacco and tobacco smoke constituents on cell multiplication in vitro 1975/1001221 <none>, <none>, <none> no Published	No	No	Not applicable	public
██████	KCA 5.8/4	1987 a	The skin irritancy of cineole alcohol CI-470-008 ████████████████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
██████ ██████ ██████	KCA 5.8/5	1985 a	Primary eye irritation study of sample A - DL85399 in New Zealand white rabbits CI-470-011 ████████████████████ ████████████████████ ████████████████████ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF
██████ ██████ ████████ ██████	KCA 5.8/1	1986 a	Acute oral LD50 study of sample A - DL-85-399 in Sprague-Dawley rats CI-470-002 ████████████████████ ████████████████████ ████████████████████ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF

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██████ ██████ ██████ ██████	KCA 5.8/6	1986 b	Contact sensitization study of sample A - DL 85399 in albino guinea pigs CI-470-014 ████████████████████ ████████████████████ ████████████████████ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF
Thelestam M. et al.	KCA 5.8/24	1980 a	Effect of tobacco smoke compounds on the plasma membrane of cultured human lung fibroblasts 1980/1002028 <none>, <none>, <none> no Published	No	No	Not applicable	public
Tolle S.	KCA 4.1.1/8	2018 a	Analysis of the enantiomeric ratio in five batches of Cinmethylin TGAI (BAS 684 H, Reg.No. 900202) 2017/1134339 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF
Tolle S., Rieger V.	KCA 4.1.1/7	2018 a	Analysis of the enantiomeric ratio in five batches of Cinmethylin TGAI (BAS 684 H, Reg.No. 900202) 2017/1156361 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF

Author(s)	Data point(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
██████ ██████	KCA 5.8/2	1988 a	The acute dermal toxicity of cineole alcohol CI-470-004 ██████ ████████ ████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF
Veskoukis A.S. et al.	KCA 5.8/22	2004 a	Substrate specificity of guinea pig liver aldehyde oxidase and bovine milk Xanthine oxidase for Methyl-and Nitrobenzaldehyde 2004/1042554 <none>, <none>, <none> no Published	No	No	Not applicable	public

A.2. PHYSICAL AND CHEMICAL PROPERTIES

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 2.1/1	Daum A.	2015 a	Physical properties of Cinmethylin (BAS 684 H, Reg.No. 900202) - Pure active ingredient (PAI) 2015/1257674 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.2/1	Daum A.	2015 a	Physical properties of Cinmethylin (BAS 684 H, Reg.No. 900202) - Pure active ingredient (PAI) 2015/1257674 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.2/2	Daum A.	2017 d	Henry s law constant for Cinmethylin (BAS 684 H, Reg.No. 900202) 2017/1189884 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 2.3/1	Daum A.	2015 a	Physical properties of Cinmethylin (BAS 684 H, Reg.No. 900202) - Pure active ingredient (PAI) 2015/1257674 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.4/1	Daum A.	2016 a	Mass, NMR, IR and UV/VIS spectra of Cinmethylin (Reg.No. 900202,	No	Yes	Data for first approval	BASF	

			BAS 684 H) PAI 2016/1051361 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished					
KCA 2.4/2	Daum A.	2017 i	Mass, NMR, IR and UV/VIS Spectrum of Toluene (Reg.No. 4005250) 2017/1198003 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.5/1	Daum A.	2017 a	Water solubility of Cinmethylin (BAS 684 H) pure active ingredient (PAI) 2017/1077867 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.6/1	Daum A.	2017 b	Solubility of Cinmethylin (BAS 684 H) technical active ingredient (TGAI) in organic solvents 2017/1077869 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.7/1	Daum A.	2016 b	Partition coefficient n-Octanol/water (log Pow) of Cinmethylin (Reg.No. 900202, BAS 684 H) 2016/1211635 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.7/2	Daum A.	2017 e	Partition coefficient n-octanol/water (log Pow) of Reg.No. 6067256 (M684H005) 2017/1077875 BASF SE, Limburgerhof, Germany Fed.Rep.	No	Yes	Data for first approval	BASF	

			yes Unpublished					
KCA 2.7/3	Daum A.	2017 f	Partition coefficient n-octanol/water (log Pow) of Reg.No. 6067258 (M684H006) 2017/1077876 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.7/4	Daum A.	2017 g	Partition coefficient n-octanol/water (log Pow) of Reg.No. 6055480 (M684H004) 2017/1077874 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.7/5	Daum A.	2017 h	Partition coefficient n-octanol/water (log Pow) of Reg.No. 6055479 (M684H002) 2017/1077873 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.7/6	Daum A.	2017 j	Partition coefficient n-octanol/water (log Pow) of Reg.No. 6055521 (M684H001)) 2017/1077870 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.7/7	Daum A.	2017 k	Partition coefficient n-octanol/water (log Pow) of Reg.No. 4539586 (M684H003) 2017/1077872 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.7/8	Daum A.	2018 a	Partition coefficient n-octanol/water (log	No	Yes	Data for first approval	BASF	

			Pow) of Reg.No. 6059081 (M684H026) 2018/1068463 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished					
KCA 2.8/1	Daum A.	2017 c	Dissociation constant (pKa) of Cinmethylin (BAS 684 H, Reg.No. 900202) PAI 2017/1156023 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.9/1	Smeykal H.	2017 a	BAS 684 H (Cinmethylin) - Determination of physico-chemical properties according to UN-Transport regulation and Directive 94/37/EC (Regulation (EC) No. 440/2008) 2017/1012634 consilab Gesellschaft fuer Anlagensicherheit mbH, Frankfurt/Main, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.10/1	Smeykal H.	2017 a	BAS 684 H (Cinmethylin) - Determination of physico-chemical properties according to UN-Transport regulation and Directive 94/37/EC (Regulation (EC) No. 440/2008) 2017/1012634 consilab Gesellschaft fuer Anlagensicherheit mbH, Frankfurt/Main, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.11/1	Smeykal H.	2017 a	BAS 684 H (Cinmethylin) -	No	Yes	Data for first approval	BASF	

			Determination of physico-chemical properties according to UN-Transport regulation and Directive 94/37/EC (Regulation (EC) No. 440/2008) 2017/1012634 consilab Gesellschaft fuer Anlagensicherheit mbH, Frankfurt/Main, Germany Fed.Rep. yes Unpublished					
KCA 2.12/1	Daum A.	2015 a	Physical properties of Cinmethylin (BAS 684 H, Reg.No. 900202) - Pure active ingredient (PAI) 2015/1257674 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 2.13/1	Smeykal H.	2017 a	BAS 684 H (Cinmethylin) - Determination of physico-chemical properties according to UN-Transport regulation and Directive 94/37/EC (Regulation (EC) No. 440/2008) 2017/1012634 consilab Gesellschaft fuer Anlagensicherheit mbH, Frankfurt/Main, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
Datapoint	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	
KCP 2.1/1	Keller M.	2017 a	Physical and chemical properties of BAS 684 03 H including low temperature stability	No	Yes	Data for first approval	BASF	

			(7 days at 0°C) and accelerated storage stability (14 days at 54°C) 2017/1142804 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished					
KCP 2.2/1	Dreisch S.	2017 a	Determination of physico-chemical properties according to UN Transport Regulation and Directive 94/37/EC (Regulation (EC) No. 440/2008) 2017/1054561 consilab Gesellschaft fuer Anlagensicherheit mbH, Frankfurt/Main, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 2.3/1	Dreisch S.	2017 a	Determination of physico-chemical properties according to UN Transport Regulation and Directive 94/37/EC (Regulation (EC) No. 440/2008) 2017/1054561 consilab Gesellschaft fuer Anlagensicherheit mbH, Frankfurt/Main, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 2.4/1	Keller M.	2017 a	Physical and chemical properties of BAS 684 03 H including low temperature stability (7 days at 0°C) and accelerated storage stability (14 days at 54°C) 2017/1142804 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

KCP 2.5/1	Keller M.	2017 a	Physical and chemical properties of BAS 684 03 H including low temperature stability (7 days at 0°C) and accelerated storage stability (14 days at 54°C) 2017/1142804 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 2.6/1	Keller M.	2017 a	Physical and chemical properties of BAS 684 03 H including low temperature stability (7 days at 0°C) and accelerated storage stability (14 days at 54°C) 2017/1142804 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 2.7/1	Keller M.	2017 a	Physical and chemical properties of BAS 684 03 H including low temperature stability (7 days at 0°C) and accelerated storage stability (14 days at 54°C) 2017/1142804 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 2.8.2/1	Keller M.	2017 a	Physical and chemical properties of BAS 684 03 H including low temperature stability (7 days at 0°C) and accelerated storage stability (14 days at 54°C) 2017/1142804 BASF SE, Limburgerhof, Germany Fed.Rep. yes	No	Yes	Data for first approval	BASF	

			Unpublished					
KCP 2.8.6/1	Keller M.	2017 a	Physical and chemical properties of BAS 684 03 H including low temperature stability (7 days at 0°C) and accelerated storage stability (14 days at 54°C) 2017/1142804 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 2.9/1	Ott C.	2017 a	Physical and chemical compatibility in aqueous tank mixtures of BAS 684 03 H 2017/1177602 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 2.9/2	Ott C.	2018 a	Physical and chemical compatibility in aqueous tank mixtures of BAS 684 03 H 2018/1000901 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

A.3. DATA ON APPLICATION AND EFFICACY

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 3.7/1	Sievernich B.	2018 a	Succeeding crop report BAS 684 H 2018/1050815 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 3.8/1	Sievernich B.	2018 b	BAS 684 03 H - Selectivity and efficacy data for approval of new active substance 2018/1069983 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 3.8/2	Campe R.	2018 a	A new herbicidal site of action: Cinmethylin binds to acyl- ACP thioesterase and inhibits plant fatty acid biosynthesis 2018/1090974 <none>, <none>, <none> no Published	No	No	Not applicable	public	

A.4. FURTHER INFORMATION

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 3.2/1	Kraemer G.	2018 a	Herbicidal efficacy of BAS 684 H enantiomers (Reg.No. LS5925581 and LS5925632) 2018/1069982 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 3.6/1	Campe R.	2018 a	A new herbicidal site of action: Cinmethylin binds to acyl-ACP thioesterase and inhibits plant fatty acid biosynthesis 2018/1090974 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 3.7/1	Sievernich B.	2018 a	Resistance risk analysis for BAS 684 H in Europe 2018/1050814 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 3.8/1	Anonymous	2018 a	Safety data sheet - Cinmethylin - BAS 684 H 2018/1099592 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 4.2/1	Ott C.	2017 a	Effectiveness of procedures for cleaning application equipment and protective clothing - BAS 684 03 H	No	No	Not applicable	BASF	

			2017/1191180 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished					
KCP 4.3/1	Anonymou s	2017 a	Safety data sheet - BAS 684 03 H 2017/1199991 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 4.4/1	Maurer B.	2017 a	EU-Performance test of BAS 684 03 H with AGRO- Packaging made of Coex-materials HDPE with barrier layer 2017/1053963 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 4.4/2	Maurer B.	2017 b	EU-Performance test of BAS 684 03 H - AGRO-Packaging made of HDPE with fluorinated barrier 2017/1054237 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	

A.5. METHODS OF ANALYSIS

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.1/1	Nemitz A.	2015 a	Determination of Cinmethylin in Technical Grade Active Ingredient (TGAI) by means of GC 2015/1174457 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 4.1.1/2	Nemitz A.	2015 b	Validation of the analytical method APL0687/01: Determination of Cinmethylin in Technical Grade Active Ingredient (TGAI) by means of GC 2015/1174458 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/1	Ertunc T. et al.	2017 a	Validation of analytical method L0308/01 for the determination of BAS 684 H enantiomers in soil and sediment 2017/1004384 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/2	Wallace D.	2017 a	Large outdoor wind tunnel study to evaluate volatilisation, short range transport and deposition of volatilised BAS 684 H (applied as EC formulated product) as a function of distance from the treated area (0-20 m) 2017/1192649 RLP AgroScience GmbH, Neustadt/Weinstrasse, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/3	██████████ ████	1984 a	Five week dietary feeding study of sd95481 technical in dogs CI-420-004 ████████████████████ ████████████████████ ██████ ██████ █ ██████ no Unpublished	Yes	No	Not applicable	BASF	
KCA 4.1.2/4	██████████	1983 a	Subchronic feeding study of sd95481 in the rat. Volume I CI-425-001 ████████████████████ ████████████████████ ██████ ██████ █ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 4.1.2/5	██████████	1983 a	Subchronic feeding study of sd95481 in the mouse CI-425-002 ████████████████████ ████████████████████ ██████ ██████ █ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/6	██████	1987 a	13 week dietary feeding study in beagle dogs of cinch herbicide technical CI-425-003 ████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 4.1.2/7	██████	1985 a	A one year dietary feeding study in dogs - sd95481 technical CI-427-002 ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 4.1.2/8	██████	1988 a	One year dietary feeding study in beagle dogs of cinch herbicide CI-427-003 ████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/9	██████	1988 b	Cinch herbicide: reversibility of toxicity in beagle dogs (a 12 month feeding with 6 months reversibility) CI-427-004 ████ █████ ████████████████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 4.1.2/10	██████	1985 a	A 2 year feeding study of sd95481 in rats (volume 1 of 8) CI-427-001 ████████████████ ████████████████ ████████████████ ██████ no Unpublished	Yes	No	Not applicable	BASF	
KCA 4.1.2/11	██████	1986 a	Oncogenicity study of sd95481 in the mouse CI-428-001 ████████████████ ████████████████ ████ █████ █ ██████ no Unpublished	Yes	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/12	██████	1984 a	Cinch herbicide sd95481 teratology study in sprague dawley rats CI-432-001 ████████████████████ ████████████████████ ██████ ██████ █ ██████ no Unpublished	Yes	No	Not applicable	BASF	
KCA 4.1.2/13	Catchpole G., Hidding B.	2017 a	BAS 684 H (Cinmethylin) - Validation of an analytical method for the analysis of BAS 684 H in Isopropanol using GC-FID (control procedure 14/0066_07) 2017/1032967 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/14	Daum A.	2017 a	Analytical report BAS 684 H (Cinmethylin) - Concentration control analyses in paraffin 2017/1145822 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/15	■■■■■ ■	2015 a	BAS 684 H (Cinmethylin) - Repeated-dose 28-day toxicity study in Wistar rats - Administration via the diet 2015/1076329 ■■■■■ ■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 4.1.2/16	■■■■■ ■	2016 a	BAS 684 H (Cinmethylin) - Repeated-dose 28-day toxicity study in C57BL/6JRj mice - Administration via the diet 2014/1162710 ■■■■■ ■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/17	Catchpole G., Hidding B.	2017 b	BAS 684 H (Cinmethylin) - Validation of an analytical method for the analysis of BAS 684 H in Ground Kliba maintenance diet mouse/rat GLP meal using GC (control procedure 14/066_2) 2017/1123754 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/18	Grauer E., Hidding B.	2017 a	Validation of an analytical method for the analysis of BAS 684 H (Cinmethylin) in corn oil using GC (control procedure 14/0066_05-02) 2017/1067141 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/19	Catchpole G., Hidding B.	2018 a	BAS 684 H (Cinmethylin) - Stability analysis in acetone 2018/1013043 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/20	Grauert E., Hidding B.	2017 a	BAS 684 H (Cinmethylin) - Validation of an analytical method for analysis of BAS 684 H in 1% CMC (as sodium salt) in drinking water with Tween 80 (3 drops/1000 mL) using GC (control procedure 14/0066_06-02) 2017/1166508 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/21	Catchpole G., Hidding B.	2018	BAS 684 H - Validation of an analytical method for the analysis of BAS 684 H and metabolites in rat plasma using HPLC-MS (control procedure: 14/0066_1) 2018/1037312 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/22	Spangler C. et al.	2016 a	Validation of analytical method L0337/01 for the determination of BAS 684 H residues in plant matrices by LC-MS/MS 2016/1029129 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/23	Spangler C.	2018 b	Amendment 1: Validation of analytical method L0337/01 for the determination of BAS 684 H residues in plant matrices by LC-MS/MS 2018/1044640 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/24	Castro M.	2018 a	Validation BASF Method L0337/02 for the determination of M684H005 (Reg.No.6067256) and M684H006 (Reg.No. 6067258) in citrus fruit, dry beans seed, sunflower seeds, lettuce heads, wheat grain, wheat (whole plant) and wheat straw by LC-MS/MS 2018/3000081 BASF SA, Guaratingueta, Brazil yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/25	Rabe U., Forieri I.	2017 a	Investigation of the extractability of BAS 684 H in samples from 14C plant metabolism studies 2017/1166468 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/26	■■■■■ ■	1983 a	Acute toxicity of technical sd95481 to bluegill sunfish lepromis macrochirus CI-511-002 ■■■■■ ■■■■■ ■■■■■ ■■■■■ ■■■■ ■ ■■■■■ no Unpublished	No	No	Not applicable	BASF	
KCA 4.1.2/27	■■■■■ ■	1983 b	Acute toxicity of technical sd95481 to rainbow trout salmo gairdneri CI-511-003 ■■■■■ ■■■■■ ■■■■■ ■■■■■ ■■■■ ■ ■■■■■ no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/28	Forbis A. et al.	1983 c	Acute toxicity of sd95481 to daphnia magna CI-521-001 ABC - Analytical Bio-Chemistry Laboratories Inc., Columbia MO, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 4.1.2/29	Forbis A., Franklin L.	1983 a	Uptake, depuration and bioconcentration of 14c sd95481 by bluegill sunfish lepomis macrochirus CI-690-004 ABC - Analytical Bio-Chemistry Laboratories Inc., Columbia MO, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 4.1.2/30	██████████ ██████████	1990 a	WL95481 (Argold): An early life stage test with the fathead minnow (Pimephales promelas) RAFINESQUE CI-512-002 ████████████████████ ████████████████████ ████████████████████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/31	Pearson N., Stephenson R.R.	1987 a	WL95481: Acute toxicity to selenastrum capricornutum CI-521-005 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/32	Pearson N., Stephenson R.R.	1987 b	WL95481: Acute toxicity to Gammarus pulex, Lymnaea stagnalis, Tubifex tubifex and Chironomus lugubris CI-521-006 Sittingbourne Research Centre, Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/33	Pearson N., Girling A.	1989 a	WL95481: Chronic toxicity to Daphnia magna CI-523-001 Sittingbourne Research Centre, Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/34	[REDACTED]	1988 a	Cineole alcohol: Acute toxicity to rainbow trout <i>Salmo gairdneri</i> and <i>Daphnia magna</i> CI-570-001 [REDACTED] [REDACTED] [REDACTED] yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 4.1.2/35	Lockard L.A. et al.	2016 a	Analytical method verification for the determination of BAS 684 H in avian diet 2016/7001370 Wildlife International Ltd., Easton MD, United States of America yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/36	Lockard L.A., Martin K.H.	2017 a	Amended final report - Analytical method verification for the determination of BAS 684 H in avian diet 2017/7017248 Wildlife International Ltd., Easton MD, United States of America yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/37	Grande A.	2017 a	Validation of BASF method L0378/01 for the determination of BAS 684 H and its metabolites M684H001 and M684H004 by LC/UV 2017/1156774 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/38	Friedemann A., Stroemel C.	2017 a	Effect of BAS 684 03 H on vegetative vigour of ten species of terrestrial plants under greenhouse conditions 2017/1134475 Agro-Check Dr. Teresiak & Erdmann GbR, Lentzke, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/39	Friedemann A., Stroemel C.	2018 a	Effect of BAS 684 03 H on seedling emergence and seedling growth of ten species of terrestrial plants under greenhouse conditions 2017/1134474 Agro-Check Dr. Teresiak & Erdmann GbR, Lentzke, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/40	Andre M.	2017 a	Validation of BASF Method L0361/01 for the determination of pesticides in water by LC-MS/MS 2017/1065621 SGS Institut Fresenius GmbH, Taunusstein, Germany Fed. Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/41	Grande A.	2017 b	Validation of BASF Method L0382/01 for the determination of M684H003 in water and 20xAAP medium by GC-FID 2017/1156775 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/42	Catchpole G., Hidding B.	2017 c	BAS 684 H (Cinmethylin) - Validation of an analytical method for the analysis of BAS 684 H in test water using HPLC-MS (control procedure 14/0066_08-02) 2017/1047671 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/43	Kleebaum K.	2016 a	Repeated exposure of BAS 684 H to honey bee (Apis mellifera) larvae under laboratory conditions (in vitro) 2016/1044854 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.1.2/44	Haerthe N.	2016 a	Acute toxicity of BAS 684 H (Cinmethylin) to Daphnia magna STRAUS in a 48 hour static test 2016/1001943 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/45	Kauf A.	2017 a	Effect of BAS 684 H (Reg.No.: 900202) on the growth of the blue alga Anabaena flos-aquae 2016/1001945 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.1.2/46	Vlechev S.	2017 a	Effect of BAS 684 H on the growth of Lemna gibba 2015/1029521 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.2/1	Bodsch J.	2018 a	Independent laboratory validation of BASF method L0337/01 for the determination of BAS 684 H residues in plant matrices by LC-MS/MS 2017/1202457 SGS Institut Fresenius GmbH, Taunusstein, Germany Fed. Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.2/2	Asekunowo J.	2018 a	Validation of BASF analytical method L0385/01 for the determination of BAS 684 H in animal matrices 2017/1202142 EAG Laboratories GmbH, Ulm, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.2/3	Ford K.	2018 a	Independent laboratory validation of BASF analytical method L0385/01 for the determination of BAS 684 H in animal matrices 2017/1202456 CEMAS - CEM Analytical Services Ltd., Workingham Berkshire RG41 2FD, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.2/4	██████████ ██████████ ██████████	2018 a	Investigation of the extractability of BAS 684 H in liver from a ¹⁴ C goat metabolism study (enforcement methods) 2017/1192630 ██████████ ██████████ ████████████████████ ████████████████████ yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.2/5	Obermann M., Arndt S.	2018 a	Validation of Analytical Method L0366/01 for the Enantiomers Reg. No. 5925632 and Reg. No. 5925581 of BAS 684 H in Water by reversed-phase chiral LC-MS/MS 2017/1194948 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.2/6	Obermann M., Arndt S.	2018 c	Validation of analytical method L0366/02 for the determination of Metabolites M684H001 (Reg.No. 6055521) and M684H004 (Reg.No. 6055480) in drinking (ground) and surface-water by LC-MS/MS 2018/1011310 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.2/7	Joos S., Tussetschlaeger S.	2017 a	Independent laboratory validation of the methods L0366/01 and L0366/02 for the determination of BAS 684 H (Reg.No. 5925581 and 5925632) and metabolites M684H001 (Reg.No. 6055521) and M684H004 (Reg.No. 6055480) in surface and groundwater 2017/1223471 EAG Laboratories GmbH, Ulm, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 4.2/8	Obermann M., Arndt S.	2018 b	Validation of Analytical Method L0371/01 for the determination of BAS 684 H (Reg.No. 900202) in air using LC-MS/MS 2017/1210714 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA 4.2/9	Ivanov E., Bruhn F.	2018 a	Validation of BASF analytical methods L0387/01 for the determination of BAS 684 H and its metabolite M684H011 in body fluids 2017/1202143 Eurofins Agroscience Services Chem GmbH, Hamburg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

A.6. TOXICOLOGY AND METABOLISM DATA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.1.1/1	██████ ██████	2017 a	In-life phase of distribution and metabolism of (14C) BAS 684 H in tissues and plasma after oral single administration in male and female Wistar rats 2017/1158148 ██████ ████████ ████████████████ ████████████████ ████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.1.1/2	██████ ██████	2018 a	In-life phase of distribution and metabolism of (14C) BAS 684 H in tissues and plasma after oral single administration in male and female Wistar rats 2018/1072281 ██████ ████████ ████████████████ ████████████████ ████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.1.1/3	██████████ ██████████ ████	2018 a	14C-BAS 684 H - Study on kinetics in Wistar rats after oral and intravenous administration 2017/1145830 ██████████ ██████████ ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.1.1/4	██████████ ████	2018 a	Excretion and metabolism of 14C-BAS 684 H (Reg.No. 900202) after oral administration in rats 2017/1078601 ██████████ ██████████ ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.1.2/1	Funk-Weyer D., Ufer G.	2017 b	Comparative in-vitro metabolism with 14C-BAS 684 H 2017/1172468 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.1.2/2	Miyazawa M. et al.	2001 a	Roles of cytochrome P450 3A enzymes in the 2-hydroxylation of 1,4-cineole, a monoterpene cyclic ether, by rat and human liver microsomes 2001/1033868 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.2.1/1	██████████	2016 d	BAS 684 H (Cinnethylin) - Acute oral toxicity in rats 2016/1273410 ████████████████████ ██████████ ██████████ ████████ ██████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.2.1/2	██████████ ██	1982 b	Acute oral toxicity of sd95481 in the rat CI-411-001 ████████████████████ ████████████████████ ████████ ██████████ ████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.2.1/3	██████████ ██████████	1982 b	Acute oral toxicity of sd95481 in the mouse CI-411-002 ████████████████████ ████████████████████ ██████ ████████ ████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.2.2/1	██████████ ██████████ ██████████	2016 c	BAS 684 H (Cinmethylin) - Acute dermal toxicity in rats 2016/1225928 ████████████████████ ████████████████████ ██████ ████████ ████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.2.2/2	██████████	1981 b	SD 95481: Acute dermal LD 50, eye irritation, and skin irritation, all in rabbits CI-412-001 ████████████████████ ████████████████████ ████████████████████ no Unpublished	Yes	No	Not applicable	<none>	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.2.3/1	██████████ ██████████	2017 b	BAS 684 H (Cinmethylin) - Acute inhalation toxicity study in Wistar rats - 4-hour liquid aerosol exposure (nose only) 2017/1068662 ██████████ ███████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.2.3/2	██████████.	1986 b	Acute four hour inhalation study in rats with cinch sd95481 technical herbicide CI-413-001 ████████████████████ ████████████████████ ██████████ ███████████ ██████████ yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 5.2.4/1	Remmele M.	2017 c	BAS 684 H (Cinmethylin) - In vitro skin irritation and corrosion Turnkey testing strategy 2016/1302127 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.2.4/2	██████████ ██████████ ██████████	2016 d	BAS 684 H (Cinmethylin) - Acute dermal irritation / corrosion in rabbits 2016/1225929 ██████████ ██████████ ███████████ ██████████ ███████████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.2.4/3	██████████	1981 b	SD 95481: Acute dermal LD 50, eye irritation, and skin irritation, all in rabbits CI-412-001 ██████████ ███████████ ████████████████████ ████████████████████ no Unpublished	Yes	No	Not applicable	<none>	
KCA 5.2.5/1	Remmele M.	2017 d	BAS 684 H (Cinmethylin) - In vitro eye irritation Turnkey testing strategy 2016/1302128 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.2.5/2	██████	2016 e	BAS 684 H (Cinmethylin) - Acute eye irritation in rabbits 2016/1326828 ██████ ██████████████ ██████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.2.5/3	██████	1981 b	SD 95481: Acute dermal LD 50, eye irritation, and skin irritation, all in rabbits CI-412-001 ██████ ██████████████ ██████████████ no Unpublished	Yes	No	Not applicable	BASF	
KCA 5.2.6/1	██████	2016 f	BAS 684 H (Cinmethylin) - BUEHLER test in guinea pigs 2016/1330875 ██████████████ ██████████ ████████ ██████ ██████████ ██████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.2.6/2	██████████ ██████████	1982 b	Guinea pig sensitization study of sd95481 CI-416-001 ████████████████████ ████████████████████ ██████ ████████ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.2.6/3	██████████	1988 b	WL95481 skin sensitizing potential CI-416-002 ████████████████████ ████████████████████ ████████████████████ ██████ yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 5.3.1/1	██████████ ██	2015 b	BAS 684 H - (Cinmethylin) Repeated-dose 28-day toxicity study in Wistar rats - Administration via the diet 2015/1076329 ████████████████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.3.1/2	■■■■■	2016 b	BAS 684 H (Cinmethylin) - Repeated-dose 28-day toxicity study in C57BL/6JRj mice - Administration via the diet 2014/1162710 ■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.3.1/3	■■■■■	1984 b	Five week dietary feeding study of sd95481 technical in dogs CI-420-004 ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ no Unpublished	Yes	No	Not applicable	BASF	
KCA 5.3.2/1	■■■■■	2018 a	BAS 684 H - Repeated dose 90-day oral toxicity study in Wistar rats - Administration via the diet 2014/1228370 ■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.3.2/ 2	██████████	1983 b	Subchronic feeding study of sd95481 in the rat. Volume I CI-425-001 ████████████████████ ████████████████████ ██████ ██████████ ████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.3.2/ 3	██████████ ██	2018 b	BAS 684 H - Repeated dose 90-day oral toxicity in C5BL/6JRj mice - Administration via the diet 2015/1005983 ████████████████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.3.2/ 4	██████████	1983 b	Subchronic feeding study of sd95481 in the mouse CI-425-002 ████████████████████ ████████████████████ ██████ ██████████ ████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.3.2/5	██████████	1987 b	13 week dietary feeding study in beagle dogs of cinch herbicide technical CI-425-003 ██████████ ███████████ ███████████ ██ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.3.2/6	██████████	1985 b	A one year dietars feeding study in dogs - sd95481 technical CI-427-002 ██ ██ ██████████ ███████████ ███████████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.3.2/7	██████████	1988 c	One year dietary feeding study in beagle dogs of cinch herbicide CI-427-003 ██████████ ███████████ ███████████ ██ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.3.2/8	Dorso L. et al.	2008 a	Variability in weight and histological appearance of the prostate of Beagle Dogs used in toxicology studies 2008/1104596 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.3.2/9	Goedken M.J. et al.	2008 a	Spontaneous and age-related testicular findings in beagle dogs 2018/1087293 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.3.2/10	Sato J.	2011 a	Histopathology of incidental findings in beagles used in toxicity studies 2018/1086610 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.3.3/1	██████	2018 a	BAS 684 H - Repeated dose 28-day dermal toxicity study in Wistar rats 2017/1094162 ██████ ████████ ████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.3.3/2	██████	2018 b	Amendment 1: BAS 684 H - Repeated dose 28-day dermal toxicity study in Wistar rats 2018/1091459 ██████ ████████ ████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.4.1/1	Woitkowiak C.	2018 a	BAS 684 H + impurities (artificial batch) - Salmonella typhimurium/Escherichia coli reverse mutation assay 2018/1029052 BASF SE, Ludwigshafen, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.4.1/2	Woitkowiak C.	2018 b	BAS 684 H with new impurity - Salmonella typhimurium/Escherichia coli reverse mutation assay 2018/1029051 BASF SE, Ludwigshafen, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 5.4.1/3	Sokolowski A.	2018 a	BAS 684 H - Cell mutation assay at the Thymidine kinase locus (TK+/-) in mouse lymphoma L5178Y cells 2018/1066678 Envigo CRS GmbH, Rossdorf, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 5.4.1/4	Naumann S.	2018 b	BAS 684 H with 500 ppm 2methylbenzylchlorid: Micronucleus test in human lymphocytes in vitro 2018/1027282 Envigo CRS GmbH, Rossdorf, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.4.2/1	██████████ ██████████	2018 a	BAS 684 H - Micronucleus test in bone marrow cells of the mouse 2018/1048783 ██████████ ███████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.4.2/2	██████████ ██████████ ██████████	1983 b	In vivo chromosome aberration assay in rat bone marrow of sd95481 technical grade CI-435-004 ████████████████████ ████████████████████ ██████████ ███████████ ██████████ yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 5.5/1	██████████ ██████████	2018 a	BAS 684 H - Combined chronic toxicity/carcinogenicity study in Wistar rats - Administration via the diet up to 24 months 2017/1093414 ██████████ ███████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.5/2	██████	1985 b	A 2 year feeding study of sd95481 in rats (volume 1 of 8) CI-427-001 ████████████████████ ████████████████████ ████████████████████ ██████ no Unpublished	Yes	No	Not applicable	BASF	
KCA 5.5/3	██████ ██	1991 b	A 2 year feeding study of sd95481 in rats - corrigendum CI-427-007 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.5/4	██████ ██████	1991 d	Preparation of supplement for submission to the japanese ministry of agriculture, forestry and fisheries from shell group research report sbgr.85.084 (a 2 year feeding study with SD 95481 in rats) CI-427-008 ██████ ██████ ████████████████████ ████████████████████ ████████████████████ ██████ no Unpublished	Yes	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.5/5	■■■■■ ■■■■■	1991 c	Preparation of supplement for submission to the Japanese Ministry of Agriculture, Forestry and Fisheries from shell group research report SBGR.85.084 (a 2 year feeding study with SD 95481 in rats) CI-427-006 ■■■■■ ■■■■■ ■■■■■ ■■■■■ ■■■■■ ■■■■■ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.5/6	■■■■■ ■	2018 c	BAS 684 H - Carcinogenicity study in c57BL/6Rj mice - Administration via the diet up to 18 months 2017/1094161 ■■■■■ ■■■■■ ■■■■■ ■■■■■ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.5/7	████████	1986 b	Oncogenicity study of sd95481 in the mouse CI-428-001 ████████ ████████ ██████ ████████ ██████ no Unpublished	Yes	No	Not applicable	BASF	
KCA 5.5/8	████████ ██	1991 b	Preparation of supplement for submission to the japanese ministry of agriculture, forestry and fisheries from regulatory information record No. WRC RIR-424 (Oncogenicity study with sd95481 in mice) CI-428-002 ██████ ████████ ████████ ████████ ████████ ████████ ██████ no Unpublished	Yes	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.5/9	Hershberger L.	1991 a	EPA review of Cinmethylin studies CI-901-013 US EPA - United States Environmental Protection Agency, Washington DC, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 5.5/10	Haseman J. et al.	1985 a	Neoplasms observed in untreated and corn oil gavage control groups of f344/n rats and (c57bl/6n x c3h/hen)f1 (b6c3f1) mice CI-905-002 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.6/1	██████	1986 d	Two generation reproduction study of cinch herbicide sd95481 in rats CI-430-001 ████████████████████ ████████████████████ ██████ ██████████ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.6.1/1	██████████ ██████████	2018 a	BAS 684 H - Two-generation reproduction toxicity study in Wistar rats - Administration via the diet 2017/1094504 ██████████ ███████████ ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.6.1/2	██████████	2018 a	Amendment No. 1 - BAS 684 H - Two-generation reproduction toxicity study in Wistar rats - Administration via the diet 2018/1099151 ██████████ ███████████ ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.6.2/1	██████████	1984 b	CINCH Herbicide (SD95481) Teratology Study in Sprague Dawley Rats CI-432-001 ██████████ ███████████ ████████████████████ ██████████ ███████████ ██████████ no Unpublished	Yes	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.6.2/2	██████████ ██████████	2018 b	BAS 684 H - Prenatal developmental toxicity study in New Zealand White rabbits oral administration (Gavage) 2015/1158053 ██████████ ███████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.6.2/3	██████████ ██████████	1985 b	Teratology study of CINCH herbicide (technical SD 95481) administered orally via stomach tube to New Zealand White rabbits CI-432-002 ██████████ ███████████ ████████████████████ ███████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.6.2/4	██████████	1987 b	Teratogenicity study of IN-YA168 in rabbits CI-432-003 ████████████████████ ████████████████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.6.2/5	Solecki R. et al.	2001 b	Harmonisation of rat fetal skeletal terminology and classification. Report of the third workshop on the terminology in developmental toxicology - Berlin, 14-16 September 2000 2001/1021583 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.6.2/6	Solecki R. et al.	2003 b	Harmonization of rat fetal external and visceral terminology and classification - Report of the fourth workshop on the terminology in developmental toxicology, Berlin, 18-20 April 2002 2003/1036019 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.6.2/7	Feussner E.L. et al.	1992 a	A decade of rabbit fertility data: Study of historical control animals MK-905-020 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.7.1/1	██████████	2018 d	BAS 684 H - Acute oral neurotoxicity study in Wistar rats - Administration by gavage 2016/1345328 ██████████ ██████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.7.1/2	Anonymous	2018 s	Historical control data for acute, oral neurotoxicity studies in rats 2018/1096177 ██████████ ██████████ ████████████████████ ████████████████████ no Unpublished	Yes	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.1/1	Maguin K. et al.	2006 a	Ototoxicity of the three Xylene isomers in the rat 2006/1053413 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.1/2	Masereeuw R. et al.	1995 a	Renal excretion and accumulation kinetics of 2-Methylbenzoylglycine in the isolated perfused rat kidney 1996/1007340 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.1/3	Benigni R. et al.	2010 b	Structural analysis and predictive value of the rodent in vivo micronucleus assay results 2010/1233692 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.1/4	Snyder R.D. et al.	2006 b	DNA intercalative potential of marketed drugs testing positive in in vitro cytogenetics assays 2006/1051853 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.1/5	Anonymous	2018 m	Case Ultra - QSAR prediction of mutagenicity (AMES) on Cinmethylin and its metabolites 2017/1158715 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.1/6	Anonymous	2018 n	Case Ultra - QSAR prediction of mutagenicity (AMES-Konsolidator) on Cinmethylin and its metabolites 2017/1158716 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.1/7	Anonymous	2018 o	Case Ultra, QSAR prediction of genotoxicity (in vivo MNT) on Cinmethylin and its metabolites 2017/1158717 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.1/8	Anonymous	2018 p	Toxtree QSAR Summary tabe (in vivo MNT): Metabolites 2017/1158718 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.1/9	Anonymous	2015 c	CaseUltra - GT_Expert bacterial mutagenicity model 2015/1282367 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.1/10	Anonymous	2017 b	CaseUltra: Konsolidator 2017/1066625 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.1/11	Anonymous	2015 d	CaseUltra: GT3 MNT mouse micronucleus in vivo , mouse 2015/1282047 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.1/12	Benigni R. et al.	2017 a	Development of structural alerts for the vivo micronucleus assay in rodents 2017/1158725 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.1/13	Kemeny M.	2018 a	DEREK - Genotoxicity prediction of BAS 684 H metabolites 2018/1086608 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.1/14	Araki N. et al.	2005 a	Screening for androgen receptor activities in 253 industrial chemicals by in vitro reporter gene assays using AR-EcoScreen™ cells 2005/1045820 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.1/15	Kemeny M.	2018 b	DEREK - Comparative toxicity prediction of BAS 684 H Enantiomers 2018/1086609 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.1/16	Anonymous	2015 e	CaseUltra: GT1 AT ECOLI E.Coli and Salmonella TA102 model 2015/1282048 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.1/17	Anonymous	2015 f	CaseUltra: GT1 A7B bacterial mutagenicity model 2015/1282049 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.2/1	██████	1983 c	Biochemical studies of sd95481 in the rat CI-440-001 ████████████████████ ████████████████████ ████ █████ █ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 5.8.2/2	██████	1983 d	Biochemical studies of sd95481 in the mouse CI-440-002 ████████████████████ ████████████████████ ████ █████ █ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.2/3	Rueckel M.	2018 b	Determination of the solubility of BAS 684 H in DMSO and Acetone 2018/1000729 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.2/4	Richard A.M. et al.	2016 a	ToxCast chemical landscape: Paving the road to 21st century toxicology 2016/1352489 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.2/5	Filer D.L. et al.	2017 a	Tcpl: The ToxCast pipeline for high-throughput screening data 2017/1227067 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.2/6	Judson R.	2016 a	Analysis of the effects of cell stress and cytotoxicity on in vitro assay activity across a diverse chemical and assay space 2016/1227708 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.2/7	Rotroff D.M. et al.	2010 a	Xenobiotic-metabolizing enzyme and transporter gene expression in primary cultures of human hepatocytes modulated by toxcast chemicals 2010/1233112 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.2/8	Sipes N.S. et al.	2013 a	Profiling 976 toxcast chemicals across 331 enzymatic and receptor signaling assays 2013/1371960 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.2/9	Anonymous	2018 t	BAS 684 H - ToxCast output of 689 assay endpoints - Analysis and curve metrics, assay parameters, and assay annotation 2018/1090846 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.2/10	Anonymous	2018 r	BAS 684 H - Tox Cast output of 689 assay endpoints (plots) 2018/1090847 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 5.8.3/1	Friedman K.P. et al.	2016 a	Tiered high-throughput screening approach to identify Thyroperoxidase inhibitors within the ToxCast Phase I and II Chemical Libraries 2016/1351687 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.3/2	Wang J. et al.	2018 a	High-throughput screening and quantitative chemical ranking for sodium iodide symporter (NIS) inhibitors in ToxCast Phase I chemical library 2018/1086611 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/3	Hornung M.W. et al.	2017 a	Screening the ToxCast Phase 1 Chemical Library for inhibition of Deiodinase type 1 activity 2017/1225381 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/4	██████████	2011 a	BAS 455 H (Pendimethalin) - Developmental thyroid study in the Sprague-Dawley rat - Oral administration (diet) 2011/1276730 ██████████ ██████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.3/5	Retroff D.M. et al.	2014 a	Predictive endocrine testing in the 21st century using in vitro assays of estrogen receptor signaling responses 2014/1323273 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/6	Browne P. et al.	2015 a	Screening chemicals for estrogen receptor bioactivity using a computational model 2015/1284313 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/7	Browne P. et al.	2017 a	Correction to screening chemicals for estrogen receptor bioactivity using a computational model 2017/1227066 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.3/8	Judson R.S. et al.	2015 a	Integrated model of chemical perturbations of a biological pathway using 18 in vitro high-throughput screening assays for the estrogen receptor 2015/1279970 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/9	Kleinstreuer N.C. et al.	2016 a	Development and validation of a computational model for androgen receptor activity 2017/1226848 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/10	Karmaus A.L. et al.	2016 a	High-Throughput Screening of chemical effects on steroidogenesis using H295R human adrenocortical carcinoma cells 2016/1119499 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.3/11	Haggard D.E. et al.	2018 a	High-throughput H295R steroidogenesis assay: Utility as an alternative and a statistical approach to characterize effects on steroidogenesis 2018/1086612 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/12	Paul K.B. et al.	2014 a	Development of a Thyroperoxidase inhibition assay for high-throughput screening 2014/1323274 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/13	Jahnke G.D.	2003 a	Thyroid toxicants: Assessing reproductive health effects 2004/1040995 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.3/14	Kaptein E.M. et al.	1994 a	Thyroid hormone metabolism - A comparative evaluation 1994/1005509 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/15	Lewandowski T.A. et al.	2004 a	Interspecies differences in susceptibility to perturbation of thyroid homeostasis: A case study with Perchlorate 2004/1040994 <none>, <none>, <none> no Published	No	No	Not applicable	public	
KCA 5.8.3/16	Dohler K.-D. et al.	1979 a	The rat as model for the study of drug effects on thyroid function: Consideration of methodological problems 1979/1001743 <none>, <none>, <none> no Published	No	No	Not applicable	public	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 5.8.3/17	Hill R.N. et al.	1988 a	Thyroid follicular cell carcinogenesis 1989/1003744 <none>, <none>, <none> no Published	No	No	Not applicable	public	

A.7. RESIDUE DATA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.1/1	Spangler C.	2018 a	Investigation of the storage stability of BAS 684 H in plant matrices 2016/1029128 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval I	BASF	
KCA 6.1/2	Eilers B.	2018 a	Interim Report - Investigation of the storage stability of M684H005 in plant matrices 2017/1192607 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.2.1/1	Rosenbaum-Stieber C., Kessler M.	2018 a	Metabolism of ¹⁴ C-BAS 684 H in wheat 2017/1004405 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.2.1/2	Rabe U., Forieri I.	2018 a	Metabolism of 14C-BAS 684 H in oilseed rape 2017/1110861 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.2.1/3	Schweda Z., Forieri I.	2018 a	Metabolism of [14C]-BAS 684 H in carrots 2017/1186063 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.2.1/4	Woodward M.D.	1984 a	Metabolism of sd95481 in soybeans 1. quantitation and fractionation of residues CI-640-001 Shell Development Co., Modesto CA, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 6.2.1/5	Woodward M.	1984 a	Metabolism of sd95481 in soybeans 2. characterisation and identification of the principal metabolites from foliage CI-640-002 Shell Development Co., Modesto CA, United States of America no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.2.1/6	Woodward M.	1983 a	Identification of the principal metabolites of sd95481 from the hydroponic growth medium of soybean plants CI-640-003 Shell Development Co., Modesto CA, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 6.2.1/7	Woodward M.	1984 b	Characterization and identification of the principal metabolites of sd95481 in soybean plants CI-640-004 Shell Development Co., Modesto CA, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 6.2.1/8	Woodward M.	1984 c	Metabolism of sd95481 in soybeans 3. characterisation and identification of the principal metabolites in a pilot study CI-640-015 Shell Development Co., Modesto CA, United States of America no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.2.1/9	Woodward M.	1984 e	Metabolism of sd95481 in peanuts 1. quantitation and fractionation of residues CI-640-008 Shell Development Co., Modesto CA, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 6.2.1/10	Woodward M.	1984 f	Metabolism of sd95481 in peanuts 2. characterization and identification of the principal metabolites from foliage CI-640-009 Shell Development Co., Modesto CA, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 6.2.1/11	Woodward M.	1984 d	Metabolism of sd95481 in peanuts 3. characterization and identification of the principal metabolites in a pilot study CI-640-016 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.2.1/12	Edwards V.T.	1988 a	The metabolism of 14C w195481 in rice outdoors CI-640-011 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.2.1/13	Croucher A., Edwards V.T.	1989 a	The distribution and metabolism of 14c w195481 in rice under controlled environmental conditions CI-640-012 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.2.2/1	██████ ██████	2018 a	The metabolism of (14C)-Reg. No 900202 (BAS 684 H) in laying hens 2017/1068568 ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.2.2/2	██████ ██████	2018 a	Metabolism of two metabolites of 14C-BAS 684 H (M684H005 und M684H006) in hen intestine 2017/1140183 ████████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 6.2.3/1	██████ ██████ █	2018 a	The metabolism of (14C)-Reg.No. 900202 (BAS 684 H) in lactating goats 2017/1037602 ████████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 6.2.3/2	██████ ██████	2018 b	Meetabolism of two metabolites of 14C-BAS 684 H (M684H005 and M684H006) in rumen fluid 2017/1140182 ████████████████████ ████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.2.3/3	██████ ██████	1983 a	Use of goats for ruminant metabolism studies. part 1 an exploratory study CI-440-013 ████████████████████ ████████████████████ ████████ no Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 6.2.3/4	██████ ██ ██	1984 a	Use of goats for ruminant metabolism studies. Part 2 characterization and identification of sd95481 metabolites in urine and faeces CI-440-014 ████████████████████ ████████████████████ ████████ no Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 6.2.3/5	██████ ██	1989 a	Metabolic fate of cinmethylin in goat CI-905-008 <none>, <none>, <none> no Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.2.5/1	██████████ ██████████	2018 a	The metabolism of [14C]-BAS 684 H in rainbow trout (Oncorhynchus mykiss) 2018/1015281 ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 6.3.1/1	Klimmek S., Bruhn F.	2017 a	Study on the residue behaviour of BAS 684 H in oilseed rape after one application with BAS 684 02 H under field conditions in Germany, Northern France, The Netherlands, United Kingdom, Greece, Italy and Spain, 2016 2017/1219191 Eurofins Agrosience Services Chem GmbH, Hamburg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.3.1/2	Klimmek S., Bruhn F.	2018 a	Amendment No.1, study on the residue behaviour of BAS 684 H in oilseed rape after one application with BAS 684 02 H under field conditions in Germany, Northern France, The Netherlands, United Kingdom, Greece, Italy and Spain, 2016 2018/1028316 Eurofins Agrosience Services Chem GmbH, Hamburg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.3.1/3	Klimmek S., Bruhn F.	2018 b	Study on the residue behaviour of BAS 684 H in oilseed rape after one application with BAS 684 03 H under field conditions in Germany, Northern France 2017/1219684 Eurofins Agrosience Services Chem GmbH, Hamburg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.3.2/1	Ale E.	2017 a	Residue study (Decline) with BAS 684 02 H applied to wheat in Northern and Southern Europe in 2015 2016/1118116 Envigo CRS Ltd. Sucursal en Espana, Valencia, Spain yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.3.2/2	Mahlo C., Vagt I.	2017 a	Study on the residue behaviour of BAS 684 H in spring wheat after treatment with BAS 684 02 H under field conditions in Germany, Denmark, Northern France, Belgium, Southern France Greece, Italy and Spain, 2016 2017/1198202 SGS Institut Fresenius GmbH, Taunusstein, Germany Fed. Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.3.2/3	Mahlo C.	2018 a	Amendment 1: Study on the residue behaviour of BAS 684 H in spring wheat after treatment with BAS 684 02 H under field conditions in Germany, Denmark, Northern France, Belgium, Southern France Greece, Italy and Spain, 2016 2018/1030172 SGS Institut Fresenius GmbH, Taunusstein, Germany Fed. Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.3.2/4	Martin T., Ruiz E.	2018 a	Study on the residue behavior of BAS 684 H in wheat after the application of BAS 684 03 H under field conditions in Germany, Netherlands, Austria, France (North and South), Greece, Italy and Spain, 2017 2017/1202170 Agrologia SLU, Utrera, Spain yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 6.5.1/1	Wijntjes C. et al.	2016 a	14C BAS 684 H: Simulated processing - Hydrolysis at 90 C, 100 C and 120 C 2015/1198477 IES - Innovative Environmental Services Ltd., Witterswil, Switzerland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 6.6.1/1	Wenzel N. et al.	2018 a	Confined rotational crop study with [14C]-BAS 684 H 2016/1321090 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

A.8. ENVIRONMENTAL FATE AND BEHAVIOUR

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.1.1.1/1	Stewart L., Abernethy A.	2016 a	Cinmethylin - Aerobic degradation of [14C]-Cinmethylin (Reg.No. 900202) in soil 2015/1186904 Charles River Laboratories Edinburgh Ltd., Tranent East Lothian EH33 2NE, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.1.1.2/1	Staudenmaier H., Pape L.	2017 a	Anaerobic soil metabolism of Cinmethylin (BAS 684 H) 2016/1053970 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.1.1.3/1	Hassink J.	2017 c	Soil photolysis of BAS 684 H 2016/1333357 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.1.2. 1.1/1	He W.	2018 a	Kinetic evaluation of laboratory aerobic soil degradation studies with BAS 684 H: Determination of modeling endpoints according to FOCUS 2017/1217117 Dr. Knoell Consult GmbH, Mannheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 7.1.2. 2.1/1	Gut T.	2017 a	Field soil dissipation study of BAS 684 H in the formulation BAS 684 02 H on bare soil at 6 different sites in Northern and Southern Europe, 2015-2017 2017/1190305 SGS Institut Fresenius GmbH, Taunusstein, Germany Fed. Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.1.2. 2.1/2	Gut T.	2017 b	Amendment 1: Field soil dissipation study of BAS 684 H in the formulation BAS 684 02 H on bare soil at 6 different sites in Northern and Southern Europe, 2015-2017 2017/1217703 SGS Institut Fresenius GmbH, Taunusstein, Germany Fed. Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.1.2. 2.1/3	He W., Pape L.	2018 a	Kinetic evaluation of a field dissipation study with BAS 684 H conducted in 2015 to 2017: Determination of trigger endpoints for the racemate and its enantiomers (Reg.No. 5925581 and Reg.No. 5925632) according to FOCUS 2017/1199007 Dr. Knoell Consult GmbH, Mannheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 7.1.2. 2.1/4	He W., Pape L.	2018 a	Kinetic evaluation of a field dissipation study with BAS 684 H conducted in 2015 to 2017: Determination of modeling endpoints for the racemate and its enantiomers (Reg.No. 5925581 and Reg.No. 5925632) according to FOCUS 2017/1199008 Dr. Knoell Consult GmbH, Mannheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.1.2. 2.1/5	Mitchell J. et al.	2018 a	<p>Terrestrial field dissipation of the herbicide BAS 684 H following broadcast applications of BAS 684 02 H (EC)</p> <p>2017/7017329</p> <p>Waterborne Environmental Inc., Leesburg VA, United States of America</p> <p>yes</p> <p>Unpublished</p>	No	Yes	Data for first approval	BASF	
KCA 7.1.2. 2.1/6	Stewart L.	2016 b	<p>Cinmethylin - Comparison of extraction methods to extract [14C]-Cinmethylin (Reg.No. 900202) from soil</p> <p>2016/1134753</p> <p>Charles River Laboratories Edinburgh Ltd., Tranent East Lothian EH33 2NE, United Kingdom</p> <p>yes</p> <p>Unpublished</p>	No	Yes	Data for first approval	BASF	
KCA 7.1.2. 2.1/7	Bodsch J.	2017 a	<p>Determination of the storage stability of the BAS 684 H racemate in soil</p> <p>2017/1202195</p> <p>SGS Institut Fresenius GmbH, Taunusstein, Germany Fed. Rep.</p> <p>yes</p> <p>Unpublished</p>	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.1.2. 2.1/8	Perez S., Jones A.	2018 a	Freezer storage stability of BAS 684 H (both enantiomers, Reg. No. 5925632 and 5925581) in soil 2018/7001858 ADPEN Laboratories Inc., Jacksonville FL, United States of America yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.1.2. 2.1/9	Jeffries M., Warren R.	2018 a	European ecoregion similarity to six BAS 684 H terrestrial field dissipation sites in North America: A crosswalk exercise using ENASGIPS v3.0 2017/7016807 BASF Corp., Research Triangle Park NC, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 7.1.3. 1.1/1	Harder U., Hegler F.	2017 a	Adsorption/desorption - Study with 14C-BAS 684 H on eight soils 2016/1171944 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.1.3. 1.2/1	Platz K.	2017 a	QSAR estimation of adsorption coefficients of M684H001, M684H003 and M684H004 metabolites of BAS 684 H 2017/1200466 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 7.2.1. 1/1	Hassink J.	2017 a	BAS 684 H: Aqueous hydrolysis at four different pH values 2016/1330118 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.2.1. 2/1	Hassink J.	2017 d	Aqueous photolysis of BAS 684 H 2017/1066632 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.2.1. 3/1	Hassink J.	2017 f	Photolysis of BAS 684 H in sterile natural water 2017/1066631 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.2.2. 1/1	Schwarz H.	2017 a	BAS 684 H (Cinmethylin) - Determination of the ready biodegradability in the CO2- Evolution test 2017/1077282 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.2.2. 2/1	Mueller- Werthwein M., Hegler F.	2018 a	14C-BAS 684 H - Aerobic mineralization in surface water 2017/1156778 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.2.2. 3/1	Mueller- Werthwein M., Freundlich B.	2017 a	Aerobic aquatic metabolism of BAS 684 H (Reg.No. 900202) 2016/1119819 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.2.2.3/2	He W., Pape L.	2017 a	Kinetic evaluation of degradation of BAS 684 H in water/sediment systems: Determination of modeling endpoints according to FOCUS degradation kinetics 2017/1021064 Dr. Knoell Consult GmbH, Mannheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 7.2.3/1	Salzmann S., Cirpus P.	2018 a	Estimation of reactivity of BAS 684 H in aqueous solution upon ozone and chlorination treatment 2017/1224113 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCA 7.3.1/1	Hassink J.	2015 a	Photochemical oxidative degradation of BAS 684 H (QSAR estimates) 2015/1005045 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 7.3.1/2	Hassink J.	2017 b	Volatilisation of BAS 684 H after application of BAS 684 02 H on soil and plant surfaces 2016/1331921 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 7.3.2/1	Wallace D.	2017 a	Large outdoor wind tunnel study to evaluate volatilisation, short range transport and deposition of volatilised BAS 684 H (applied as EC formulated product) as a function of distance from the treated area (0-20 m) 2017/1192649 RLP AgroScience GmbH, Neustadt/Weinstrasse, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 9.1.3/1	He W.	2018 a	Predicted environmental concentrations of BAS 684 H in soil following application to winter wheat and winter oilseed rape 2017/1217977 Dr. Knoell Consult GmbH, Mannheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 9.2.4/1	Mendet Gutierrez A.A., He W.	2018 a	Predicted environmental concentrations of BAS 684 H in groundwater following application to winter wheat and winter oilseed rape 2017/1217978 Dr. Knoell Consult GmbH, Mannheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 9.2.5/1	He W.	2018 b	Predicted environmental concentrations of BAS 684 H and its metabolites in surface water and sediment following application to winter wheat and winter oilseed rape 2017/1217979 Dr. Knoell Consult GmbH, Mannheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	

A.9. ECOTOXICOLOGY DATA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.1.1. 1/1	████████	2016 a	BAS 684 H: Acute oral toxicity test (LD50) with northern bobwhite (Colinus virginianus) 2016/7005980 ████████████████████ ████████████████████ ████████████████████ ████████████ yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.1.1. 1/2	████████	1983 a	Acute oral LD50 - bobwhite quail sd95481 CI-505-001 ████████ ██████████ ████████████████████ ████████████████████ no Unpublished	Yes	No	Not applicable	BASF	
KCA 8.1.1. 2/1	████████ ██████	2018 a	BAS 684 H: A dietary LC50 study with the northern bobwhite 2017/7008676 ████████████████████ ████████████████████ ████████ yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.1.1. 2/2	████████	1983 b	An eight day dietary LC50 in bobwhite quail with sd95481 CI-505-002 ████████ ██████████ ████████████████████ ████████████████████ no Unpublished	Yes	No	Not applicable	BASF	
KCA 8.1.1. 2/3	████████ ██████	2018 b	BAS 684 H: A dietary LC50 study with the mallard 2017/7008678 ████████████████████ ████████████████████ ████████ yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.1.1. 2/4	████████	1983 c	Eight day dietary LC50 - mallard duck with sd95481 CI-505-003 ████████ ██████████ ████████████████████ ████████████████████ no Unpublished	Yes	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.1.1.3/1	██████████ ██████████	2016 a	BAS 684 H: A reproduction study with the northern bobwhite 2016/7009945 ████████████████████ ████████████████████ ████████████████████ ██████████ yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.1.1.3/2	██████████ ██████████	2018 c	BAS 684 H: A reproduction study with the mallard 2017/7016288 ████████████████████ ████████████████████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 8.2.1/1	██████████ ██████████	1983 a	Acute toxicity of technical sd95481 to rainbow trout salmo gairdneri CI-511-003 ████████████████████ ████████████████████ ████████████████████ ████████████████████ no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.1/2	██████████ ██████████ ██████████ ██████████	2017 a	BAS 684 H (Cinmethylin) - Acute toxicity study in rainbow trout (Oncorhynchus mykiss) 2017/1134335 ██████████ ███████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 8.2.1/3	██████████ ██████████	2017 a	BAS 684 H - Carp, acute toxicity test 2016/1063240 ████████████████████ ██████████ ███████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 8.2.1/4	██████████ ██████████	2018 b	Amendment No. 1 to the final report - BAS 684 H - Carp, acute toxicity test 2018/1068368 ████████████████████ ██████████ ███████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.1/5	██████████ ██████████ ██████████ ██████████	2017 b	BAS 684 H (Cinmethylin) - Acute toxicity study in the fathead minnow (Pimephales promelas) 2017/1111618 ██████████ ███████████ ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 8.2.1/6	██████████ ██████████ ██████████ ██████████	2018 a	Amendment 1: BAS 684 H (Cinmethylin) - Acute toxicity study in the fathead minnow (Pimephales promelas) 2018/1044871 ██████████ ███████████ ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 8.2.1/7	██████████	1983 a	Acute toxicity of technical SD 95481 to sheepshead minnows (Cyprinodon variegatus) CI-511-001 ████████████████████ ████████████████████ ██████████████████ no Unpublished	Yes	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.1/8	██████████ ██████████	1983 b	Acute toxicity of technical sd95481 to bluegill sunfish lepomis macrochirus CI-511-002 ████████████████████ ████████████████████ ████████████████████ no Unpublished	No	No	Not applicable	BASF	
KCA 8.2.1/9	██████████ ██████████ ██████████	1983 a	Dynamic acute toxicity of sd95481 to bluegill sunfish lepomis macrochirus CI-512-001 ████████████████████ ████████████████████ ████████████████████ no Unpublished	No	No	Not applicable	BASF	
KCA 8.2.1/10	██████████	1988 a	Cineole alcohol: Acute toxicity to rainbow trout Salmo gairdneri and Daphnia magna CI-570-001 ████████████████████ ████████████████████ ████████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.2. 1/1	██████ ██████ ██████	1990 a	WL95481 (Argold): An early life stage test with the fathead minnow (Pimephales promelas) RAFINESQUE CI-512-002 ██████ ██████ ██████ ██████ ████████████████ ██████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 8.2.2. 1/2	██████ ██████	2017 a	BAS 684 H (Cinmethylin) - Early-Life-Stage toxicity test on the fathead minnow (Pimephales promelas) in a flow through system 2017/1176649 ██████ ██████ ████████████████ ████████████████ yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.2. 3/1	██████ ██████ ██████	1983 b	Uptake, depuration and bioconcentration of 14c sd95481 by bluegill sunfish lepomis macrochirus CI-690-004 ████████████████ ████████████████ ██████ ██████ ██████ ████████████████ no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.2. 3/2	Lee P.	1984 a	Characterisation of 14c residues in fish samples from the 14c sd95481 bluegill sunfish bioconcentration study CI-705-001 Shell Development Co., Modesto CA, United States of America yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.2. 3/3	██████████	2017 b	14C-BAS 684 H - Bioconcentration study in the bluegil sunfish (Lepomis macrochirus) 2017/1156422 ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCA 8.2.2. 3/4	██████████ ██████████	2018 a	Metabolism of 14C-BAS 684 H in Bluegill Sunfish (bioconcentration after exposure in a flow through system) 2017/1208842 ████████████████████ ██████████████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.4. 1/1	Forbis A. et al.	1983 c	Acute toxicity of sd95481 to daphnia magna CI-521-001 ABC - Analytical Bio-Chemistry Laboratories Inc., Columbia MO, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 8.2.4. 1/2	Haerthe N.	2016 a	Acute toxicity of BAS 684 H (Cinmethylin) to Daphnia magna STRAUS in a 48 hour static test 2016/1001943 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.4. 1/3	████████	1988 a	Cineole alcohol: Acute toxicity to rainbow trout Salmo gairdneri and Daphnia magna CI-570-001 ████████ ██████████ ████████ ██████████ ████████████████████ ████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.4. 1/4	Turek T.	2018 a	Reg. No. 6055521 (Metabolite of BAS 684 H, M684H001) Daphnia magna, acute immobilisation test 2017/1069818 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.4. 1/5	Turek T.	2018 b	Reg.No. 4539586 (Metabolite of BAS 684 H, M684H003) - Daphnia magna, acute Immobilisation test 2017/1069817 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.4. 2/1	Pearson N.,Stephens on R.R.	1987 a	WL95481: Acute toxicity to Gammarus pulex, Lymnaea stagnalis, Tubifex tubifex and Chironomus lugubris CI-521-006 Sittingbourne Research Centre, Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.4. 2/2	Ward G.S.	1983 b	Acute toxicity of technical SD 95481 to mysid shrimp (Mysidopsis bahia) CI-521-002 E G & G Bionomics, Pensacola FL, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 8.2.4. 2/3	Ward G.S.	1983 c	Acute toxicity of technical SD 95481 to fiddler crabs (Uca pugilator) CI-521-003 E G & G Bionomics, Pensacola FL, United States of America no Unpublished	No	No	Not applicable	BASF	
KCA 8.2.4. 2/4	Ward G.	1983 a	Acute toxicity of technical SD 95481 to embryos-larvae of eastern oysters (Crassostrea virginica) CI-521-004 E G & G Bionomics, Pensacola FL, United States of America no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.5. 1/1	Pearson N.,Girling A.	1989 a	WL95481: Chronic toxicity to Daphnia magna CI-523-001 Sittingbourne Research Centre, Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.5. 1/2	Rzodeczko H.	2017 b	BAS 684 H - Daphnia magna reproduction test 2017/1000684 Institute of Industrial Organic Chemistry, Psczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.6. 1/1	Pearson N.,Stephens on R.R.	1987 b	WL95481: Acute toxicity to selenastrum capricornutum CI-521-005 Shell Research Ltd., Sittingbourne Kent ME9 8AG, United Kingdom yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.6.1/2	Kauf A.	2017 a	Effect of BAS 684 H (Reg.No.: 900202) on the growth of the green alga <i>Pseudokirchneriella subcapitata</i> 2016/1001944 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.6.2/1	Kauf A.	2017 b	Effect of BAS 684 H (Reg.No.: 900202) on the growth of the blue alga <i>Anabaena flos-aquae</i> 2016/1001945 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.7/1	Vlechev S.	2017 a	Effect of BAS 684 H on the growth of <i>Lemna gibba</i> 2015/1029521 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.7/2	Vlechev S.	2017 b	Effects of BAS 684 H on the growth of the aquatic plant <i>Glyceria maxima</i> 2015/1029520 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.7/3	Rzodeczko H.	2017 c	BAS 684 H - Water-sediment <i>Myriophyllum spicatum</i> toxicity test 2017/1000221 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.7/4	Rzodeczko H.	2018 a	BAS 684 H, water-sediment <i>Elodea canadensis</i> toxicity test 2017/1000222 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.2.7/5	Rzodeczko H.	2017 d	BAS 684 H - Water-sediment Egeria densa toxicity test 2017/1000224 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.7/6	Rzodeczko H.	2017 e	Reg.No. 6055521 (metabolite of BAS 684 H, M684H001) - Lemna gibba CPCC 310 growth inhibition test 2016/1224989 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.2.7/7	Turek T.	2018 c	Reg.No. 4539586 (Metabolite of BAS 684 H, M684H003) - Lemna gibba CPCC 310 growth inhibition test 2017/1032136 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	

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KCA 8.2.7/8	Rzodeczko H.	2017 f	Reg.No. 6055480 (metabolite of BAS 684 H, M684H004) - Lemna gibba CPCC 310 growth inhibition test 2016/1224988 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.3.1.1.1/1	Franke M.	2016 a	Acute toxicity of BAS 684 H to the honeybee Apis mellifera L. under laboratory conditions 2016/1044853 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.3.1.1.1/2	Amsel K.	2017 a	Acute toxicity of BAS 684 H to the bumblebee Bombus terrestris L. under laboratory conditions 2017/1140992 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

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KCA 8.3.1. 1.1/3	Amsel K.	2018 a	Amendment No. 1 - Acute toxicity of BAS 684 H to the bumblebee <i>Bombus terrestris</i> L. under laboratory conditions 2018/1000903 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.3.1. 1.2/1	Franke M.	2016 a	Acute toxicity of BAS 684 H to the honeybee <i>Apis mellifera</i> L. under laboratory conditions 2016/1044853 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.3.1. 1.2/2	Amsel K.	2017 a	Acute toxicity of BAS 684 H to the bumblebee <i>Bombus terrestris</i> L. under laboratory conditions 2017/1140992 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.3.1. 1.2/3	Amsel K.	2018 a	Amendment No. 1 - Acute toxicity of BAS 684 H to the bumblebee <i>Bombus terrestris</i> L. under laboratory conditions 2018/1000903 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.3.1. 3/1	Kleebaum K.	2016 a	Repeated exposure of BAS 684 H to honey bee (<i>Apis mellifera</i>) larvae under laboratory conditions (in vitro) 2016/1044854 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.3.1. 3/2	Azevedo L.B.	2018 a	Further statistical evaluation of the study 2016/1044854 on chronic toxicity on honey bee larvae 2018/1099616 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.5/1	Schulz L.	2016 a	Effects of BAS 684 H (Cinmethylin) on the activity of soil microflora (Nitrogen transformation test) 2016/1044850 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.7/1	Friedrich S.	2016 b	Acute toxicity of BAS 684 H (Cinmethylin) to the earthworm Eisenia andrei in artificial soil with 10% peat 2016/1044851 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF PS	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCA 8.7/2	Schulz L.	2016 b	Effects of BAS 684 H (Cinmethylin) on the activity of soil microflora (Carbon transformation test) 2016/1044848 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCA 8.7/3	Stackhouse S.C.	1983 a	The effects of sd95481 and sd96638 on microbial functions CI-690-001 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCA 8.8/1	Hammer S.	2016 a	BAS 684 H (Cinmethylin) - Determination of the inhibition of Oxygen consumption in the activated sludge respiration inhibition test 2016/1062165 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

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KCP 10.1.1.1/1	██████████ ██████████ ██████████ ██████████	2017 b	BAS 684 03 H: An acute oral toxicity study with the northern bobwhite 2017/7016204 ████████████████████ ████████████████████ ██████████ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCP 10.1.1.2/1	Dietzen C. et al.	2017 a	Focal species candidates for earthworm-eating birds in central and southern Europe 2017/1199655 RIFCon GmbH, Hirschberg, Germany Fed.Rep. no Unpublished	No	No	Not applicable	Bayer	
KCP 10.1.1.2/2	Nohl-Weiler C.	2017 a	Letter of Access from Bayer CropScience AG Germany to BASF SE Limburgerhof Germany for the study: R1660132, BCS-Doc.No.: M-597601-01-1, Multicrop and Landscape - Author, year: Dietzen Ch., 2017 2017/1199653 Bayer CropScience AG, Monheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	Bayer	

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KCP 10.1.1 .2/3	Barfknecht R.	2006 a	Generic field monitoring of birds in freshly drilled winter cereal fields in autumn in Germany 2006/1047473 Bayer CropScience AG, Monheim, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BCS	
KCP 10.1.1 .2/4	Nohl-Weiler C.	2010 a	Letter of access from Bayer CropScience AG Study Report BCS-Doc. No. M-279616-01-1 Grouping: Cereals, pre-emergence, seed treatments 2010/1068863 <none>, <none>, <none> no Unpublished	No	No	Not applicable	BASF	
KCP 10.1.1 .2/5	Barfknecht R.	2007 a	Generic field monitoring of birds in cereal fields in spring and summer in Germany 2007/1051839 Bayer AG, Monheim, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BCS	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.1.1.2/6	Placke F.J., Krauskopf B.	2007 a	Letter of access from Bayer DE Grouping 2007/1057825 <none>, <none>, <none> no Unpublished	No	No	Not applicable	<none>	
KCP 10.1.1.2/7	Wilkens S.	2008 a	Generic monitoring of birds in vegetable fields in Great Britain 2008/1035637 RIFCon GmbH, Heidelberg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	Syngenta	
KCP 10.1.1.2/8	Maund S.J.	2008 a	Letter of Access to Syngenta Study Report Syngenta Limited Document NA_10088 2008/1037507 <none>, <none>, <none> no Unpublished	No	No	Not applicable	Syngenta	
KCP 10.1.1.2/9	Dietzen C., Scheurig M.	2006 a	Bird species in strawberry fields in Germany: Field data for the determination of focal species 2006/1046634 RIFCon GmbH, Heidelberg, Germany Fed.Rep. no Unpublished	No	No	Not applicable	Makhteshim	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.1.1 .2/10	Ehrlich T.	2009 a	Letter of access from Irvita Plant Protection N.V. (Makhteshim-Agan Group) AN Netherlands for Study Report R-20182 for BASF SE Germany 2009/1045986 <none>, <none>, <none> no Unpublished	No	No	Not applicable	IRVITA	
KCP 10.1.1 .2/11	Moosmayer P.	2008 a	Exposure of birds in cereals in Germany in spring - Attractiveness of cereal fields, portion of time and diet composition 2008/1097311 RIFCon GmbH, Heidelberg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BCS	
KCP 10.1.1 .2/12	Nohl-Weiler C.	2010 b	Letter of access from Bayer CropScience AG Study Report BCS-Doc. No. M-297061-01-1 Grouping: Cereals, pre-emergence, seed treatments 2010/1068859 Bayer CropScience AG, Monheim, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BCS	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.1.1.2/13	Hahne J. et al.	2014 a	Generic field study on portion of time (PT), diet (PD) and feeding rates of yellowhammers, chaffinches and skylarks on freshly drilled spring cereal fields 2014/1263159 tier3 solutions GmbH, Leverkusen, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	Syngenta	
KCP 10.1.1.2/14	Sornin B.	2014 a	Letter of Access - To whom it may concern - For generic behavioural ecology data from Syngenta Ltd. United Kingdom to BASF SE Germany for study report no. B12060, grouping: Vegetables, pre-emergence (seed treatment) 2014/1263156 Syngenta Ltd., Guildford Surrey GU2 7YH, United Kingdom no Unpublished	No	No	Not applicable	Syngenta	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.1.1.2/15	Schwarz J.	2009 a	Generic field monitoring of birds in orchards 2006/1046633 RIFCon GmbH, Heidelberg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	Makteshim	
KCP 10.1.1.2/16	Ehrlich T.	2009 a	Letter of access from Makteshim Chemical Works Ltd. IRL Study Report R-21219 2009/1045985 Makteshim Chemical Works Ltd., Beer Sheva, Israel no Unpublished	No	No	Not applicable	Makteshim	
KCP 10.1.1.2/17	Selbach A.	2007 a	Generic field monitoring of birds in vineyards in France 2007/1042675 RIFCon GmbH, Heidelberg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	Syngenta	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.1.1.2/18	Maund S.J.	2007 a	Letter of Access from Syngenta CH for Generic Behavioural Ecology Data (Study Rep., Limited Doc. N/1132) - Grouping: Vines post-emergence (foliar stages) 2007/1063550 Syngenta Crop Protection AG, Basel, Switzerland no Unpublished	No	No	Not applicable	Syngenta	
KCP 10.1.1.2/19	Staab F., Moosmayer P.	2007 a	Generic field monitoring of selected bird species in orchards in southern Germany 2006/1024235 BASF AG, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.1.1.2/20	Staedtler T., Lutzmann N.	2009 a	Generic field monitoring of birds in vineyards in Spain 2009/1048404 RIFCon GmbH, Heidelberg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

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KCP 10.1.1.2/21	Wilkens S. et al.	2009 a	Generic field monitoring of birds in vegetable fields in Spain 2009/1046728 RIFCon GmbH, Heidelberg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	Syngenta	
KCP 10.1.1.2/22	Maund S.J.	2009 a	Letter of access for generic behavioural ecology data - Syngenta Ltd. document NA_11468 - Grouping: Vegetables, post emergence (foliar stages) 2009/1050243 Syngenta Crop Protection AG, Basel, Switzerland no Unpublished	No	No	Not applicable	Syngenta	
KCP 10.1.1.2/23	Wilkens S. et al.	2008 a	Exposure of birds in citrus orchards in Spain 2008/1092853 RIFCon GmbH, Heidelberg, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	Syngenta	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.1.1 .2/24	Maund S.J.	2008 a	Letter of Access from Syngenta CH for Generic Behavioural Ecology Data (Study Report NA_11343) 2008/1091254 Syngenta Crop Protection AG, Basel, Switzerland no Unpublished	No	No	Not applicable	Syngenta	
KCP 10.2.1 /1	■■■■■ ■	2017 a	BAS 684 03 H - Common carp, acute toxicity test 2017/1106099 ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ yes Unpublished	Yes	Yes	Data for first approval	BASF	
KCP 10.2.1 /2	■■■■■ ■	2018 a	Amendment 1: BAS 684 03 H - Common carp, acute toxicity test 2018/1018222 ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ ■■■■■■■■■■■■■■■■■■■■ yes Unpublished	Yes	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.2.1 /3	Turek T.	2017 a	BAS 684 03 H - Daphnia magna, acute immobilisation test 2017/1106098 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.2.1 /4	Turek T.	2017 b	BAS 684 03 H - Pseudokirchneriella subcapitata SAG 61.81, growth inhibition test 2017/1106097 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.2.1 /5	Rzodeczko H.	2017 a	BAS 684 03 H - Lemna gibba CPCC 310 growth inhibition test 2017/1013180 Institute of Industrial Organic Chemistry, Pszczyna, Poland yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.2.1 /6	Janson G.-M.	2017 a	Effect of BAS 684 03 H on the growth of the aquatic plant <i>Glyceria maxima</i> 2017/1000861 BASF SE, Limburgerhof, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.3.1 /1	Azevedo L.B.	2018 a	Further statistical evaluation of the study 2016/1044854 on chronic toxicity on honey bee larvae 2018/1099616 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 10.3.1 /2	Azevedo L.B.	2018 b	Further statistical evaluation of study with DocID 2017/1000021 on chronic toxicity on honey bee 2018/1099071 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.3.1 /3	Azevedo L.B.	2018 c	Further statistical evaluation of the study 2017/1036677 on chronic toxicity on honey bee larvae 2018/1099072 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 10.3.1 .1.1/1	Sekine T.	2016 a	BAS 684 02 H: Effects (acute contact and oral) on honey bees (Apis mellifera L.) in the laboratory 2016/1044858 Institut fuer Biologische Analytik und Consulting IBACON GmbH, Rossdorf, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.3.1 .1.1/2	Amsel K.	2016 a	Acute toxicity of BAS 684 02 H to the bumblebee Bombus terrestris L. under laboratory conditions 2016/1044855 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

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KCP 10.3.1 .1.2/1	Sekine T.	2016 a	BAS 684 02 H: Effects (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory 2016/1044858 Institut fuer Biologische Analytik und Consulting IBACON GmbH, Rossdorf, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.3.1 .1.2/2	Amsel K.	2016 a	Acute toxicity of BAS 684 02 H to the bumblebee <i>Bombus terrestris</i> L. under laboratory conditions 2016/1044855 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.3.1 .2/1	Ruhland S.	2017 a	Chronic toxicity of BAS 684 02 H to the honey bee <i>Apis mellifera</i> L. under laboratory conditions 2017/1000021 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.3.1 .2/2	Azevedo L.B.	2018 b	Further statistical evaluation of study with DocID 2017/1000021 on chronic toxicity on honey bee 2018/1099071 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 10.3.1 .3/1	Kleebaum K.	2017 a	Repeated exposure of honey bee (<i>Apis mellifera</i>) larvae to BAS 684 03 H under laboratory conditions (in vitro) 2017/1036677 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

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KCP 10.3.1.3/2	Azevedo L.B.	2018 c	Further statistical evaluation of the study 2017/1036677 on chronic toxicity on honey bee larvae 2018/1099072 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished	No	No	Not applicable	BASF	
KCP 10.3.2.1/1	Roehlig U.	2017 a	Effects of BAS 684 03 H on the parasitic wasp <i>Aphidius rhopalosiphii</i> (DESTEFANI-PEREZ) in a laboratory test 2017/1073467 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.3.2.1/2	Roehlig U.	2017 b	Effects on BAS 684 03 H on the predatory mite <i>Typhlodromus pyri</i> SCHEUTEN in a laboratory test 2017/1073466 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

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KCP 10.3.2 .2/1	Roehlig U.	2017 c	Effects of BAS 684 03 H on the parasitic wasp <i>Aphidius rhopalosiphi</i> (DESTEFANI-PEREZ) in an extended laboratory test 2017/1084956 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.3.2 .2/2	Roehlig U.	2017 d	Effects of BAS 684 03 H on the rove beetle <i>Aleochara bilineata</i> GYLL. in an extended laboratory test 2017/1112416 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.4.1 .1/1	Friedrich S.	2018 a	Sublethal effects of BAS 684 03 H on the earthworm <i>Eisenia andrei</i> in artificial soil 2017/1166587 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.4.2.1/1	Friedrich S.	2017 a	Effects of BAS 684 03 H on the reproduction of the collembolan <i>Folsomia candida</i> 2017/1109480 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.4.2.1/2	Schulz L.	2017 a	Effects of BAS 684 03 H on the reproduction of the predatory mite <i>Hypoaspis aculeifer</i> 2017/1109481 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.5/1	Schulz L.	2017 b	Effects of BAS 684 03 H on the activity of soil microflora - Nitrogen transformation test 2017/1190793 BioChem agrar GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.6.2 /1	Friedemann A., Stroemel C.	2017 a	Effect of BAS 684 03 H on vegetative vigour of ten species of terrestrial plants under greenhouse conditions 2017/1134475 Agro-Check Dr. Teresiak & Erdmann GbR, Lentzke, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.6.2 /2	Friedemann A., Stroemel C.	2018 a	Effect of BAS 684 03 H on seedling emergence and seedling growth of ten species of terrestrial plants under greenhouse conditions 2017/1134474 Agro-Check Dr. Teresiak & Erdmann GbR, Lentzke, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous Evaluation
KCP 10.7/1	Friedrich S.	2017 b	Acute toxicity of BAS 684 03 H to the earthworm <i>Eisenia andrei</i> in artificial soil with 10% peat 2017/1064915 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	
KCP 10.7/2	Schulz L.	2017 c	Effects of BAS 684 03 H on the activity of soil microflora (Carbon transformation test) 2017/1064914 BioChem agrar Labor fuer biologische und chemische Analytik GmbH, Gerichshain, Germany Fed.Rep. yes Unpublished	No	Yes	Data for first approval	BASF	