

# *European Commission*



**Draft Renewal Assessment Report prepared according to the Commission  
Regulation (EU) N° 1107/2009**

## **FLUFENACET**

**Volume 3 – B.2 (PPP) –  
Diflufenican+Flufenacet SC600  
(200+400 g/L)**

Rapporteur Member State: Poland  
Co-Rapporteur Member State: France

## Version History

When	What
August 1997	Initial assessment. <b>Draft Assessment Report</b> for first inclusion to Annex I. RMS: FR
April 2016	<b>Draft Renewal Assessment Report</b> prepared according to the Commission; Regulation (EU) N° 1107/2009; RMS: PL; Co-RMS: FR
May 2017	Revision according to Co-RMS comments.

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## **B.2. PHYSICAL AND CHEMICAL PROPERTIES OF THE PLANT PROTECTION PRODUCT**

### **Diflufenican + Flufenacet 600 SC**

Test or Study & Data point	Guideline and method	Test material purity and specification	Used methods / Results	Comments (Acceptable / Non acceptable)	GLP	Reference
<b>B.2.1. APPEARANCE</b>						
<b>Physical state and colour</b> <b>B.2.1/01</b>	OPPTS 830.6302 830.6303 830.6304  Visual Olfactory	Batch: 2011-005209	Colour: whitish Physical state: suspension (liquid) Odour: musty	<b>Acceptable</b>	N	Rexer K.; 2012a M-431821-01-1
<b>B.2.2. EXPLOSIVE AND OXIDIZING PROPERTIES</b>						
<b>Explosive properties</b> <b>B.2.2/01</b>	EEC A.14	Batch: 07205/0038 (0006)	Not explosive in the sense of EC Guideline A.14	<b>Acceptable</b> It can be concluded from the negative test according to A14 that the formulation should not be classified as explosive liquid according to CLP.	Y	Heitkamp D.; 2002 M-038709-01-1
<b>Oxidizing properties</b> <b>B.2.2/02</b>	EEC A.21	Batch: 260373	No oxidizing properties in the sense of EC Guideline A.21	<b>Acceptable</b> It can be concluded from the negative test according to A21 that the formulation should not be classified as oxidising solid according to CLP.	Y	Rexer K., Zindel J.; 2007 M-295806-01-1

<b>B.2.3. FLAMMABILITY AND AUTO-FLAMMABILITY</b>						
<b>Flash point of the liquids formulations B.2.3/01</b>	EEC A.9	Batch: 07205/0038 (0006)	No flash point up to the boiling point (105 °C)	<b>Acceptable</b> It can be concluded from the negative test according to A9 that the formulation should not be classified as flammable liquid according to CLP	Y	Heitkamp D.; 2002 M-038709-01-1
<b>Flammability of solid formulations B.2.3/02</b>	EEC A 10	-	Not relevant for a liquid formulation	<b>Acceptable</b>	-	-
<b>Self-heating of formulation B.2.3/03</b>	EEC A 15	Batch: 07205/0038 (0006)	The self-ignition temperature has been found to be 445 °C	<b>Acceptable</b>	Y	Heitkamp D.; 2002 M-038709-01-1
<b>B.2.4. ACIDITY/ALKALINITY AND PH VALUE</b>						
<b>pH of the neat aqueous formulation B.2.4/01</b>	CIPAC MT 75	Batch: 2011-005209	Undiluted: 6.1	<b>Acceptable</b>	Y	Rexer K.; 2012a M-431821-01-1
<b>pH of a 1 % dilution of the solid or non aqueous formulation B.2.4/02</b>	CIPAC MT 75	Batch: 2011-005209	1 % in deionised water pH = 5.7	<b>Acceptable</b>	Y	Rexer K.; 2012a M-431821-01-1
<b>Acidity/Alkalinity B.2.4/03</b>	CIPAC MT 191	-	Acidity/alkalinity not required as the preparation is neither strongly acidic (pH < 4) nor strongly alkaline (pH > 10).	<b>Acceptable</b>	-	-

Test or Study & Data point	Guideline and method	Test material purity and specification	Used methods / Results	Comments (Acceptable / Non acceptable)	GLP	Reference
<b>B.2.5. VISCOSITY AND SURFACE TENSION</b>						
<b>Viscosity of the liquid formulation B.2.5/01</b>	OECD 114 CIPAC MT 192	Batch: 2011-005209	Calculation of the kinematic viscosity from the dynamic viscosity values and the density. $\nu = 291 \cdot 10^{-6} \text{ m}^2/\text{s}$ at 20 °C, at 20 1/s $\nu = 161 \cdot 10^{-6} \text{ m}^2/\text{s}$ at 20 °C, at 100 1/s $\nu = 213 \cdot 10^{-6} \text{ m}^2/\text{s}$ at 40 °C, at 20 1/s $\nu = 106 \cdot 10^{-6} \text{ m}^2/\text{s}$ at 40 °C, at 100 1/s  Rotating viscometer: $364 \cdot 10^{-3} \text{ Pa}\cdot\text{s}$ at 20 °C, at 20 1/s $201 \cdot 10^{-3} \text{ Pa}\cdot\text{s}$ at 20 °C, at 100 1/s $262 \cdot 10^{-3} \text{ Pa}\cdot\text{s}$ at 40 °C, at 20 1/s $130 \cdot 10^{-3} \text{ Pa}\cdot\text{s}$ at 40 °C, at 100 1/s	<b>Acceptable</b>	Y	Rexer K.; 2012a M-431821-01-1
<b>Surface tension of the formulation B.2.5/02</b>	OECD 115 EEC A.5	Batch: 2011-005209	41 mN·m <sup>-1</sup> at a dilution of 1 g/L (20°C) 36 mN·m <sup>-1</sup> undiluted (25 °C)	<b>Acceptable</b> The formulation should be considered as a surface-active product.	Y	Rexer K.; 2012a M-431821-01-1
<b>B.2.6. RELATIVE DENSITY AND BULK DENSITY</b>						
<b>Relative density of the liquid formulation B.2.6/01</b>	OECD 109 EEC A.3 OPPTS 830.7300	Batch: 2011-005209	d = 1.251 g/mL at 20 °C d = 1.231 g/mL at 40 °C	<b>Acceptable</b>	Y	Rexer K.; 2012a M-431821-01-1
<b>Bulk density (pour and tap) of powder or granules B.2.6/02</b>	CIPAC MT 186	-	No study provided since this is only required for a solid formulation	-	-	-

B.2.7. STORAGE STABILITY AND SHELF-LIFE: EFFECTS OF TEMPERATURE ON TECHNICAL CHARACTERISTICS OF THE PLANT PROTECTION PRODUCT															
Storage Stability and shelf-life: effects of temperature on technical characteristics of the plant protection product (54°C during 14 days) B.2.7/01	CIPAC MT 46	Batch: 2011-005209	<p>Stable throughout the test period of 14 days at 54 °C (tested parameters in HDPE: active substance contents, appearance, pH, persistence of foam, suspensibility, spontaneity, wet sieving and pourability).</p> <p>The active substances content did not decline to less than 95 % of the content prior to the test (packaging material: HDPE).</p> <table><tr><td></td><td>Diflufenican</td><td>Flufenacet</td></tr><tr><td>Initial:</td><td>210 g/L</td><td>410 g/L</td></tr><tr><td>14 Days 54 °C:</td><td>209 g/L</td><td>409 g/L</td></tr></table> <p>For detailed results see table 2.7-1</p> <p>Further stability studies for other periods and/or temperatures have not been conducted since the formulated product is stable after 14 days at 54 °C.</p>		Diflufenican	Flufenacet	Initial:	210 g/L	410 g/L	14 Days 54 °C:	209 g/L	409 g/L	Acceptable	N	Rexer K.; 2012c M-431809-01-1
	Diflufenican	Flufenacet													
Initial:	210 g/L	410 g/L													
14 Days 54 °C:	209 g/L	409 g/L													
Effect of low temperature on stability of liquid formulation B.2.7/02	CIPAC MT 39	Batch: 2011-005209	<p>Stable throughout the test period of 7 days at 0 °C (tested parameters in a cone shaped glass tube: visual inspection, suspensibility and wet sieving).</p> <p>For detailed results see table 2.7-2</p>	Acceptable	N	Rexer K.; 2012c M-431809-01-1									
Shelf life following storage at ambient temperature B.2.7/03	CIPAC MT 46	EV54000903	<p>The formulation is stable for at least 2 years at ambient conditions (tested parameters in HDPE: active substance contents, appearance, pH, persistence of foam, suspensibility, spontaneity, wet sieving and pourability).</p> <p>For detailed results see table 2.7-3</p>	Acceptable	N	Rexer K.; 2012b M-428039-01-1									

Test or Study & Data point	Guideline and method	Test material purity and specification	Used methods / Results	Comments (Acceptable / Non acceptable)	GLP	Reference
<b>B.2.8. TECHNICAL CHARACTERISTICS OF THE PLANT PROTECTION PRODUCT</b>						
<b>B.2.8.1. Wettability</b>						
<b>Wettability of solid formulation B.2.8.1/01</b>	CIPAC MT 53.3.1	-	No study provided since this is only required for a solid formulation	-	-	-
<b>B.2.8.2. Persistence foaming</b>						
<b>Persistence of foaming of the diluted formulation B.2.8.2/01</b>	CIPAC MT 47.2	Batch: 2011-005209	500 mL/ha in 400 L CIPAC D water:  Foam after 10 s            27 mL Foam after 1 min        22 mL Foam after 3 min        21 mL Foam after 12 min      20 m L  600 mL/ha in 80 L CIPAC D water:  Foam after 10 s            47 mL Foam after 1 min        40 mL Foam after 3 min        39 mL Foam after 12 min      36 m L	<b>Acceptable</b>	N	Rexer K.; 2012a M-431821-01-1



<b>B.2.8.3. Suspensibility</b>						
<b>Suspensibility of water dispersible formulation</b> B.2.8.3/01	CIPAC MT 184	Batch: 2011-005209	500 mL/ha in 400 L CIPAC D water: diflufenican      flufenacet 99 %                98 %  600 mL/ha in 80 L CIPAC D water: diflufenican      flufenacet 99 %                98 %	<b>Acceptable</b>	N	Rexer K.; 2012a M-431821-01-1
<b>Spontaneity of dispersion of water dispersible formulation</b> B.2.8.3/02	CIPAC MT 160	Batch: 2011-005209	In CIPAC D water: diflufenican      flufenacet 99 %                99 %	<b>Acceptable</b>	N	
<b>Dispersion stability of SE, OD or EG formulation</b> B.2.8.3/03	-	-	Not applicable (SC formulation)	-	-	-
<b>B.2.8.4. Degree of dissolution and dilution stability</b>						
<b>Degree of dissolution of water soluble formulation</b>	-	-	Not applicable (SC formulation)	-	-	-
<b>Dilution stability of water soluble formulation</b>	-	-	Not applicable (SC formulation)	-	-	-
<b>B.2.8.5. Particle size distribution, dust content, attrition and mechanical stability</b>						
<b>B.2.8.5.1. Particle size distribution</b>						
<b>Wet sieve test of water dispersible formulation</b> B.2.8.5.1/01	CIPAC MT 185	Batch: 2011-005209	0.002 % residue on a 75 µm sieve.	<b>Acceptable</b>	N	Rexer K.; 2012a M-431821-01-1

<b>Size distribution of particles</b> B.2.8.5.1/02	CIPAC MT 187	Batch: 2011-005209	Laser diffraction d (0.1) = 0.72 µm d (0.5) = 1.82 µm d (0.9) = 4.40 µm	<b>Acceptable</b>	Y	Rexer K.; 2012a M-431821-01-1
<b>Nominal size range of granule</b> B.2.8.5.1/03	-	-	Not applicable (SC formulation)	-	-	-
<b>B.2.8.5.2. Dust content</b>						
<b>Dust content of granular formulation</b>	-	-	Not applicable (SC formulation)	-	-	-
<b>B.2.8.5.3. Attrition</b>						
<b>Attrition characteristics of granules and tablets</b>	-	-	Not applicable (SC formulation)	-	-	-
<b>B.2.8.5.4. Hardness and integrity</b>						
<b>Hardness of tablets</b> B.2.8.5.4/01	-	-	Not applicable (SC formulation)	-	-	-
<b>Integrity of tablets</b> B.2.8.5.4/02	-	-	Not applicable (SC formulation)	-	-	-

Test or Study & Data point	Guideline and method	Test material purity and specification	Used methods / Results	Comments (Acceptable / Non acceptable)	GLP	Reference
<b>B.2.8.6. Emulsifiability, re-emulsifiability, emulsion stability</b>						
<b>Emulsifiability, emulsion stability and re-emulsifiability of formulation B.2.8.6/01</b>	-	-	Not applicable (SC formulation)	-	-	-
<b>B.2.8.7. Flowability, pourability and dustability</b>						
<b>Flowability of granular formulation B.2.8.7/01</b>	-	-	Not applicable (SC formulation)	-	-	-
<b>Pourability of suspensions B.2.8.7/02</b>	CIPAC MT 148	Batch: 2011-005209	residue: 2.89% rinsed residue: 0.27%	<b>Acceptable</b> Applicant proposed two-fold rinsing procedure.	N	Rexer K.; 2012a M-431821-01-1
<b>Dustability of dustable powders after accelerated storage B.2.8.7/03</b>	-	-	Not applicable (SC formulation)	-	-	-
<b>B.2.9. PHYSICAL AND CHEMICAL COMPATIBILITY WITH OTHER PRODUCTS INCLUDING PLANT PROTECTION PRODUCTS WITH WHICH ITS USE IS TO BE AUTHORISED</b>						
<b>Physical and chemical compatibility of tank mixtures B.2.9/01</b>	-	-	Where relevant please refer to local recommendations.	-	-	-

Test or Study & Data point	Guideline and method	Test material purity and specification	Used methods / Results	Comments (Acceptable / Non acceptable)	GLP	Reference
<b>B.2.10. ADHERENCE AND DISTRIBUTION TO SEEDS</b>						
<b>Distribution and adhesion to seeds</b> <b>B.2.9.10/01</b>	-	-	No study provided since this is only required for seed treatment formulations.	-	-	-
<b>B.2.11. OTHER STUDIES</b>						
-	-	-	None	-	-	-

All studies have been performed in accordance with the current requirements and the results are deemed to be acceptable. The appearance of the product is that of a whitish liquid with a musty odour. The product is not explosive and has no oxidising properties. It has a self ignition temperature of 445 °C. In aqueous solution, it has a pH value of 5.7. The stability data indicate a shelf life of at least 2 years at ambient temperature when stored in HPDE. Its technical characteristics are acceptable for a SC formulation.

The following batches have been used in the physico-chemical studies:

1. Batch 2011-005209; 16.8 % w/w diflufenican, 32.8 % w/w flufenacet
2. Batch 07205/0038 (0006); 193.8 g/L diflufenican; 393.8 g/L flufenacet
3. Batch 260373; 16.3 % w/w diflufenican, 32.7 % w/w flufenacet
4. Batch EV54000903; 16.2 % w/w diflufenican, 32.0 % w/w flufenacet

**Table 2.7-1: Results referring to the point CP 2.7: Storage stability after 14 days at 54 °C.**

Test / Method	Initial	After 14 days at 54°C
Content of active method 2001-0043101-96	210 g/L diflufenican	209 g/L diflufenican
Content of active method 2001-0043101-96	410 g/L flufenacet	409 g/L flufenacet
Colour OPPTS 830.6302	Whitish	Beige
Odour OPPTS 830.6304	Musty	Musty
Physical state OPPTS 830.6303	Suspension (liquid)	Suspension (liquid)
Acidity / alkalinity CIPAC MT 191	The determination was not required as the pH-value was between 4.0 and 10.0	
pH-value CIPAC MT 75.3 OPPTS 830.7000	Undiluted	
	6.1	6.1
pH-value CIPAC MT 75.3 OPPTS 830.7000	1 % in deionised water	
	5.7	5.7
Persistent foaming CIPAC MT 47.2	500 mL/ha in 400 L CIPAC Standard Water D = 0.16 %	
Foam after 10 s Foam after 1 min Foam after 3 min Foam after 12 min	27 mL 22 mL 21 mL 20 mL	34 mL 28 mL 25 mL 23 mL
Persistent foaming CIPAC MT 47.2	600 mL/ha in 80 L CIPAC Standard Water D = 0.92 %	
Foam after 10 s Foam after 1 min Foam after 3 min Foam after 12 min	47 mL 40 mL 39 mL 36 mL	45 mL 40 mL 40 mL 36 mL
Suspensibility CIPAC MT 184	500 mL/ha in 400 L CIPAC Standard Water D = 0.16 %	
	99 % diflufenican 98 % flufenacet	99 % diflufenican 85 % flufenacet
Suspensibility CIPAC MT 184	600 mL/ha in 80 L CIPAC Standard Water D = 0.92 %	
	99 % diflufenican 98 % flufenacet	99 % diflufenican 85 % flufenacet
Spontaneity CIPAC MT 160	99 % diflufenican 99 % flufenacet	99 % diflufenican 97 % flufenacet
Wet sieve test CIPAC MT 185	0.002 % residue on a 75 µm sieve	0.007 % residue on a 75 µm sieve
Pourability CIPAC MT 148		

Test / Method	Initial	After 14 days at 54°C
Residue	2.89 %	2.39 %
Rinsed residue	0.27 %	0.17 %

**Table 2.7-2: Results referring to the point CP 2.7: Cold stability**

Test / Method	Initial	After 7 days at 0 °C
Separation Visual inspection	No visible separation.	No visible separation.

Test / Method	Initial	After 7 days at 0 °C and complete homogenisation
Suspensibility CIPAC MT 184	2 L/ha in 500 L CIPAC Standard Water D = 0.5 %	
	99 % diflufenican 98 % flufenacet	99 % diflufenican 98 % flufenacet
Suspensibility CIPAC MT 184	2 L/ha in 100 L CIPAC Standard Water D = 0.5 %	
	99 % diflufenican 98 % flufenacet	99 % diflufenican 98 % flufenacet
Wet sieving CIPAC MT 185	0.002 % residue on a 75 µm sieve	0.013 % residue on a 75 µm sieve

**Table 2.7-3: Results referring to the point CP 2.7: Shelf life at ambient temperature**

Test / Method	Initial	After 24 months at ambient temperature
Content of active method 2001-0043101-96	16.3 % diflufenican	16.2 % diflufenican
Content of active method 2001-0043101-96	31.9 % flufenacet	31.7 % flufenacet - 0.6 %
Colour OPPTS 830.6302	White	White
Odour OPPTS 830.6304	Not carried out	Musty
Physical state OPPTS 830.6303	Suspension (liquid)	Suspension (liquid)
Acidity / alkalinity CIPAC MT 191	The determination was not required as the pH-value was between 4.0 and 10.0	
pH-value CIPAC MT 75.3 OPPTS 830.7000	Undiluted	
	6.4	5.5
pH-value CIPAC MT 75.3 OPPTS 830.7000	1 % in deionised water	
	Not carried out	5.5

Test / Method	Initial	After 24 months at ambient temperature
Persistent foaming CIPAC MT 47.2	500 mL/ha in 400 L CIPAC Standard Water D = 0.16 %	
Foam after 10 s Foam after 1 min Foam after 3 min Foam after 12 min	20 mL 17 mL 17 mL 16 mL	24 mL 20 mL 18 mL 14 mL
Persistent foaming CIPAC MT 47.2	600 mL/ha in 80 L CIPAC Standard Water D = 0.92 %	
Foam after 10 s Foam after 1 min Foam after 3 min Foam after 12 min	39 mL 35 mL 34 mL 31 mL	49 mL 42 mL 41 mL 37 mL
Suspensibility CIPAC MT 184	500 mL/ha in 400 L CIPAC Standard Water D = 0.16 %	
	97 % diflufenican 97 % flufenacet	98 % diflufenican 96 % flufenacet
Suspensibility CIPAC MT 184	600 mL/ha in 80 L CIPAC Standard Water D = 0.92 %	
	96 % diflufenican 96 % flufenacet	97 % diflufenican 95 % flufenacet
Spontaneity CIPAC MT 160	Not carried out	98 % diflufenican 98 % flufenacet
Wet sieve test CIPAC MT 185	Not carried out	0.01 % residue on a 75 µm sieve
Pourability CIPAC MT 148		
Residue Rinsed residue	Not carried out	1.90 % 0.13 %

**B.2.12. REFERENCES RELIED ON****Literature search:**

Not relevant for this section.

Annex point / reference number	Author(s)	Year	Title Source ( <i>where different from company</i> ) Company name, Report No., Date, GLP status ( <i>where relevant</i> ), published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.1 /01	Rexer, K.	2012a	Physical, chemical and technical properties of diflufenican + flufenacet SC 600 (200+400 g/L) Final report Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FF0002(PC00)G01, Edition Number: M-431821-01-1 Date: 2012-05-16 GLP/GEP: no, unpublished <b>...also filed: KCP 2.10 /01</b> <b>...also filed: KCP 2.4 /01</b> <b>...also filed: KCP 2.5 /01</b> <b>...also filed: KCP 2.6 /01</b> <b>...also filed: KCP 2.9 /01</b>	N	Y	Guideline requirement	Bayer CropScience
KCP 2.2 /01	Rexer, K.; Zindel, J.	2007	Safety relevant technical properties of diflufenican + flufenacet SC 600 (200 + 400) g/L -Final report- Bayer CropScience, Report No.: FOR0868 (PC) 03, Edition Number: M-295806-01-1 Date: 2007-12-05 GLP/GEP: yes, unpublished	N	Y	Guideline requirement	Bayer CropScience
KCP 2.2 /02	Heitkamp, D.	2002	Determination of Safety-Relevant Data of FOE 5043 400 SC DFF 200 Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: 01/00493, Edition Number: M-038709-01-1 Date: 2002-02-11 GLP/GEP: yes, unpublished <b>...also filed: KCP 2.3 /01</b>	N	Y	Guideline requirement	Bayer CropScience
KCP 2.3 /01	Heitkamp, D.	2002	Determination of Safety-Relevant Data of FOE 5043 400 SC DFF 200 Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: 01/00493, Edition Number: M-038709-01-1 Date: 2002-02-11 GLP/GEP: yes, unpublished <b>...also filed: KCP 2.2 /02</b>	N	Y	Guideline requirement	Bayer CropScience



Annex point / reference number	Author(s)	Year	Title Source ( <i>where different from company</i> ) Company name, Report No., Date, GLP status ( <i>where relevant</i> ), published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.4 /01	Rexer, K.	2012a	Physical, chemical and technical properties of diflufenican + flufenacet SC 600 (200+400 g/L) Final report Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FF0002(PC00)G01, Edition Number: M-431821-01-1 Date: 2012-05-16 GLP/GEP: no, unpublished ...also filed: <b>KCP 2.1 /01</b> ...also filed: <b>KCP 2.10 /01</b> ...also filed: <b>KCP 2.5 /01</b> ...also filed: <b>KCP 2.6 /01</b> ...also filed: <b>KCP 2.9 /01</b>	N	Y	Guideline requirement	Bayer CropScience
KCP 2.5 /01	Rexer, K.	2012a	Physical, chemical and technical properties of diflufenican + flufenacet SC 600 (200+400 g/L) Final report Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FF0002(PC00)G01, Edition Number: M-431821-01-1 Date: 2012-05-16 GLP/GEP: no, unpublished ...also filed: <b>KCP 2.1 /01</b> ...also filed: <b>KCP 2.10 /01</b> ...also filed: <b>KCP 2.4 /01</b> ...also filed: <b>KCP 2.6 /01</b> ...also filed: <b>KCP 2.9 /01</b>	N	Y	Guideline requirement	Bayer CropScience
KCP 2.6 /01	Rexer, K.	2012a	Physical, chemical and technical properties of diflufenican + flufenacet SC 600 (200+400 g/L) Final report Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FF0002(PC00)G01, Edition Number: M-431821-01-1 Date: 2012-05-16 GLP/GEP: no, unpublished ...also filed: <b>KCP 2.1 /01</b> ...also filed: <b>KCP 2.10 /01</b> ...also filed: <b>KCP 2.4 /01</b> ...also filed: <b>KCP 2.5 /01</b> ...also filed: <b>KCP 2.9 /01</b>	N	Y	Guideline requirement	Bayer CropScience
KCP 2.7 /01	Rexer, K.	2012b	Shelf life of diflufenican + flufenacet SC 600 (200+400 g/L) - Packaging material: HDPE (24 months at ambient temperature) - Final report Bayer CropScience, Report No.: FF0002(RA01)N01, Edition Number: M-428039-01-1 Date: 2012-03-23 GLP/GEP: no, unpublished	N	Y	Guideline requirement	Bayer CropScience

Annex point / reference number	Author(s)	Year	Title Source ( <i>where different from company</i> ) Company name, Report No., Date, GLP status ( <i>where relevant</i> ), published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.7 /02	Rexer, K.	2012c	Storage stability at elevated temperature and cold stability of diflufenican + flufenacet SC 600 (200+400 g/L) Packaging material: HDPE Final report (14 days at 54 degree celsius) Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FF0002(AC01)N01, Edition Number: M-431809-01-1 Date: 2012-05-29 GLP/GEP: no, unpublished	N	Y	Guideline requirement	Bayer CropScience
KCP 2.8 /01	Rexer, K.	2012a	Physical, chemical and technical properties of diflufenican + flufenacet SC 600 (200+400 g/L) Final report Bayer CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: FF0002(PC00)G01, Edition Number: M-431821-01-1 Date: 2012-05-16 GLP/GEP: no, unpublished <b>...also filed: KCP 2.1 /01</b> <b>...also filed: KCP 2.10 /01</b> <b>...also filed: KCP 2.4 /01</b> <b>...also filed: KCP 2.5 /01</b> <b>...also filed: KCP 2.6 /01</b>	N	Y	Guideline requirement	Bayer CropScience