

European Commission



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

MECOPROP-P

Volume 2

Rapporteur Member State : United Kingdom
Co-Rapporteur Member State : Ireland

Version History

| When | What |
|-------------|---|
| 31/03/2016 | Initial Renewal Assessment Report (RAR) |
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A. LIST OF THE TESTS, STUDIES AND INFORMATION SUBMITTED

This list of references includes all study reports, documents, and published articles submitted, by the applicant or any other parties, or included in the RAR by the RMS, and whether relied upon or not (including those studies submitted in support of the original Annex I inclusion (identified in *italics*)). It includes references on the active substance as well as references on product(s).

The list has been prepared according to the "Guidance Document on preparing list of tests and study reports according to Article 60 of Regulation (EC) No 1107/2009" (GD SANCO/12580/2012).

Background on data ownership:

In support of the original Annex I inclusion BASF AG submitted a dossier to the RMS on behalf of the 'Mecoprop-P Dossier Preparation Working Group' formed between BASF AG, Rhone-Poulenc Agro and A H Marks and Co Ltd. Nufarm UK Limited submitted a dossier on behalf of the 'Nufarm Dossier Preparation working group' formed by Agrolinz (later Nufarm Pflanzenschutz GmbH & Co. LG) and Nufarm UK Limited. In December 2001 Aventis Crop Science (former Rhone Poulenc Agro) took over from the Nufarm Dossier Preparation Working Group its re-registration dossier of mecoprop-P. In April 2008 Nufarm UK Ltd. acquired A H Marks and Co. Ltd. and all data relating to the EU Review of mecoprop-P. Data ownership is therefore now transferred to Nufarm.

A.1. IDENTITY

| 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 |
|--------------------------------------|---|-------------|---|-------------------------------------|--|--|--------------|--|
| CA 1.11/01 & CA 4.1.1/05 | Mahmood, T. | 2014a | The Analysis of Seven Batches of mecoprop-P TGAL. Report No. 14/0861 GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |
| CA 1.11/02 & CA 4.1.1/06 | Schoisswohl, D and Nigitz, H- P. | 2009 | Analysis for Tetra- to Octa-chlorinated dioxins and furans in seven batches of (+)- (R)-2-(4-chloro-2- methylphenoxy) propanoic acid (MCPP-O, mecoprop-P) Nufarm_1208a UIS Institute for Industrial and Environmental Analysis, Austria GLP | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |
| CA 1.11/05 & CA 4.1.1/05 | Schoisswohl, D. | 2011 | Analysis for tetra- to octa-chlorinated dioxins and furans in seven batches of Mecoprop-P technical acid | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |

| 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 |
|--------------------------|--------------|-------|--|----------------------|-----------------------------|---|--------|--|
| | | | Nufarm_0611b Synlab Umweltinstitut GmbH GLP Not published ⇒ CA 1.11/02 | | | | | |
| CA 1.11/03 | May, K | 2011 | Mecoprop-P Bacterial Reverse Mutation Test Huntingdon Life Sciences, Suffolk, UK KPN0183 GLP Not published | N | N | New data submitted | Nufarm | Submitted for the purposes of renewal |
| CA 1.11/03 | Thompson, P. | 2014 | Mecoprop-P: Reverse Mutation Assay 'Ames Test' using Salmonella typhimurium and Escherichia coli. 41402473 Harlan Laboratories Limited GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| CA 1.11/04 | Naran, V | 2015 | DEREK Evaluation of the toxicity of Mecoprop-p and three impurities KPN0322 LSR Associates Ltd Non-GLP Unpublished | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| CA 1.11/01 & CA 4.1.1/04 | Calvert, A | 2015a | Identification of Impurity 14 No report number Not GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |
| CA 1.11/01 | Calvert, A | 2015b | Stability of Impurity 5 in mecoprop-P No report number Not GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |
| CA 1.11/01 | Calvert, A | 2015c | Identity evaluation of 4-chloro-2-methylphenol (PCOC) produced at | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |

| 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 |
|---------------------|-------------|-------|--|----------------------|-----------------------------|---|--------|--|
| | | | Nufarm UK Limited (Wyke) AC529/45 Not GLP Not published | | | | | |
| CA 1.11/ & 4.1.1/08 | Ordsmith, N | 2010 | Confirmation of Impurities in Mecoprop-P (CMPP-P) by LC-MS Hall Analytical Laboratories Ltd, UK HAL10-092 GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |
| CA 4.1.1/07 | Mahmood, T | 2014b | Validation of an analytical method for the determination of 2,4-DP in mecoprop-P TGAI Report No. 14/0860 GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |
| CA 4.1.1/06 | Wilson, I. | 2010 | Validation of an analytical method for the determination of impurities in mecoprop-P TGAI Report No. 09/0522 GLP | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |
| CA 4.1.1/01 | Wilson, I. | 2011 | The analysis of six batches of R(+) 2-(4-chloro-2-methylphenoxy)propionic acid (Mecoprop-P) TGAI 10/0549 Nufarm UK Ltd GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal. |

A.2. PHYSICAL AND CHEMICAL PROPERTIES

Please note that the data studies submitted for the purpose of renewal under Regulation 844/2012 and evaluated in Volume 3CA Section B2 (physical and chemical properties of the active substance) replace the original Annex I data that were owned by BASF (no longer supporting mecoprop-P).

| 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 |
|---|---------------------------------------|---------------------|--|----------------------------|--------------------------------------|--|------------|---|
| <i>IIA. 2.1</i> | <i>Türk W</i> | <i>1994 (a)</i> | <i>Determination of the appearance, the melting point and thermal conversions of mecoprop-P (Reg.No. 154241)(PAI) BASF, Lab. Study PCP 03318 Task Force KII 2.1: Reg. Doc. No. BASF 94/11698</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| KCA 2.1/01 2.2/01, 2.3/01, 2.4/01, 2.5/01, 2.7/01, 2.8/01, 2.12/01 2.14/01 | Comb. A.L. | 2000a | Mecoprop-P (pure grade) physico- chemical properties NUF004/99352 3 Huntingdon Life Sciences Ltd GLP Not published | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| <i>IIA. 2.2</i> | <i>Helvoirt JAMW, Gomez F</i> | <i>1994</i> | <i>Determination of the density of mecoprop-P. NOTOX, Hertogenbosch, The Netherlands Rhône-Poulenc Study no. 94-74 Task Force KII 2.3: Reg. Doc. No. BASF 94/10790</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|----------------------------------|--|---------------------|--|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | <i>GLP: Y Published: N</i> | | | | | |
| <i>IIA. 2.2</i> | <i>Kröhl T</i> | <i>1994 (a)</i> | <i>Physical and chemical properties report for mecoprop-P (154 241) BASF, Lab. study PCF 01409 Task Force KII 2.2: Reg. Doc. No. BASF 94/10790 GLP: Y Published: N</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 2.3.1 IIA. 2.3.2</i> | <i>Gomez F, Duverney- Pret P</i> | <i>1994</i> | <i>Mecoprop-P. Determination of the vapour pressure. Rhône-Poulenc study No. 94-27 Task Force KII 2.5: Reg. Doc. No. BASF 94/117 GLP: Y Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 2.3.1</i> | <i>Gückel</i> | <i>1988</i> | <i>Determination of the vapour pressure of mecoprop-P. BASF, Febr. 2, 1988 Task Force KII 2.4: Reg. Doc. No. BASF 88/10266 GLP: N Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 2.3.2</i> | <i>Ohmsorge U</i> | <i>1994</i> | <i>Henry's Law Constant for mecoprop-P. BASF, Apr. 27, 1994</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|------------------------------|--------------------|---------------------|---|----------------------------|--------------------------------------|--|---------------|--|
| | | | <i>Task Force KII 2.6: Reg. Doc. No. BASF 94/10259 GLP: N Published: N</i> | | | | | |
| <i>IIA. 2.4 IIA. 2.1</i> | <i>Kästel R</i> | <i>1994</i> | <i>Physical and chemical properties report for mecoprop-P (technical) BASF, Lab study Code PCP01246, January 1994 Task Force KII 2.7: Reg. Doc. No. BASF 94/10181 GLP: Y Published: N</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>KCA 2.4/02</i> | <i>Calvert, A.</i> | <i>2010</i> | <i>Identity evaluation of 4-chloro-2- methylphenol (PCOC) produced at Nufarm UK Limited (Wyke) AC529/45 Nufarm UK Ltd Not GLP Not published</i> | <i>N</i> | <i>N</i> | <i>New data submitted</i> | <i>Nufarm</i> | <i>Submitted for purposes of renewal</i> |
| <i>IIA. 2.5</i> | <i>Türk W</i> | <i>1994 (b)</i> | <i>Spectra of mecoprop-P. Reg. No. 154241 (PAI). BASF. Lab.Study PCP03185, Task Force KII 2.8: Reg. Doc. No. BASF 94/11100</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|-----------------------|--------------------------------------|---------------------|--|----------------------------|--------------------------------------|--|---------------|--|
| | | | <i>GLP: Y Published: N</i> | | | | | |
| <i>IIA. 2.6</i> | <i>de Vries R, & Gomez F</i> | <i>1994 (a)</i> | <i>Determination of the water solubility of mecoprop-P. NOTOX, Hertogenbosch, The Netherlands Rhône-Poulenc Study no. 94-76 Task Force KII 2.10: Reg. Doc. No. BASF 94/11755 GLP: Y Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 2.6</i> | <i>Pawliczek</i> | <i>1987</i> | <i>Determination of the solubility of mecoprop-P in water at different pH values. BASF, Lab. report No 2443 Task Force KII.9: Reg. Doc. No. BASF 87/0516 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>KCA 2.6/01</i> | <i>Wilson. I</i> | <i>2014</i> | <i>Solubility of Mecoprop-p in Organic Solvents 14/0866 Nufarm UK Limited GLP Not published</i> | <i>N</i> | <i>Y</i> | <i>New data submitted</i> | <i>Nufarm</i> | <i>Submitted for purposes of renewal</i> |
| <i>IIA. 2.7</i> | <i>de Vries R, & Gomez F</i> | <i>1994 (b)</i> | <i>Determination of the solubility of mecoprop-P in 9 organic solvents.</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|-----------------|--------------------------------------|---------------------|--|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | <i>NOTOX, Hertogenbosch, The Netherlands Rhône-Poulenc Study no. 94-77 Task Force KII 2.11: Reg. Doc. No. BASF 94/11756 GLP: Y Published: N</i> | | | | | |
| <i>IIA. 2.8</i> | <i>de Vries R, & Gomez F</i> | <i>1994 (c)</i> | <i>Determination of the partition coefficient (n- octanol/water) of mecoprop-P (flask-shaking method) at 3 pH values. NOTOX, Hertogenbosch, The Netherlands Rhône-Poulenc Study no. 94-78 Task Force KII 2.13: Reg. Doc. No. BASF 94/11757 GLP: Y Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA: 2.8</i> | <i>Redeker J</i> | <i>1991 (a)</i> | <i>Determination of the Octanol/water- partition coefficient of mecoprop-P by HPLC. BASF, Lab. Report 3218, Sept 1991 Task Force KII 2.12: Reg. Doc. No. BASF 91/10903 GLP: Y</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|--------------------------------------|------------------|-------------|---|----------------------------|--------------------------------------|--|--------------------|---|
| | | | <i>Published: N</i> | | | | | |
| KCA 2.9/01 2.11/01, 2.13/01 | Comb. A.L. | 2000b | Mecoprop-P (technical grade) physico- chemical properties NUF002/99327 4 Huntingdon Life Sciences Ltd GLP Not published CA 2.9/01 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| <i>IIA. 2.9.1</i> | <i>BASF</i> | <i>1982</i> | <i>Verhalten von Pflanzenbehan- dungsmitteln im Wasser. Mecoprop BASF Versuchsstation Limburgerhof, 04.01.1982 Task Force KII 2.14: Reg. Doc. No. BASF 82/10160 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 2.9.1 IIA. 2.9.2</i> | <i>Obrist JJ</i> | <i>1986</i> | <i>Photodegradati on and hydrolysis of mecoprop in aqueous buffer. Hazleton Lab. Am, HLA 6015- 320. Sept. 8, 1986 Task Force KII 2.15: Reg. Doc. No. BASF 86/0484 Nufarm Task Force KII: 2.9.1/01 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS NUF</i> | <i>DAR (1998)</i> |

| 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 |
|------------|------------|-------------|---|----------------------------|--------------------------------------|--|------------|------------------------|
| IIA. 2.9.2 | Obrist JJ | 1990 | Supplement No. 1 to the final report: Photodegradation and hydrolysis of mecoprop in aqueous buffer. Hazleton Laboratories America, USA. Task Force KII 2.16: Reg. Doc. No. BASF 90/0205 Nufarm Task Force KII: 2.9.1/02 GLP: Y Published: N | N | - | - | BAS NUF | DAR (1998) |
| IIA. 2.9.3 | Klöpffer W | 1991 | Determination of the phototransformation in water of mecoprop-P according to UBA test guideline Direct Phototransformation. Batelle-Institute, Frankfurt, Study BE-P-49-91-PHO-02 Task Force KII 2.17: Reg. Doc. No. BASF 91/11120 GLP: Y Published: N | N | - | - | BAS | DAR (1998) |
| IIA. 2.9.4 | Redeker J | 1991 (b) | Determination of the pKa of mecoprop-P in water at 20°C. BASF, Lab. Report 3220, | N | - | - | BAS | DAR (1998) |

| 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 |
|-------------------|------------------|---------------------|---|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | <i>August 1991 Task Force KII 2.18: Reg. Doc. No. BASF 91/10721 GLP: Y Published: N</i> | | | | | |
| <i>IIA. 2.9.5</i> | <i>Redeker J</i> | <i>1991 (c)</i> | <i>Determination of the light stability of Mecoprop-P technical grade. BASF, Lab. Report 3215, August 1991 Task Force KII 2.19: Reg. Doc. No. BASF 91/10790 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 2.10</i> | <i>Sarafin R</i> | <i>1991</i> | <i>Photochemical oxidative degradation of mecoprop (Atkinson). BASF, Lab. Report 3157, June 1991 Task Force KII 2.20: Reg. Doc. No. BASF 91/10327 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 2.11</i> | <i>Löffler U</i> | <i>1994</i> | <i>Safety characteristics of the active ingredient 154241. BASF Lab study SIK Nr.94/1252 Task Force KII 2.22: Reg. Doc. No. BASF 94/11049</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|------------------|--|---------------------|---|----------------------------|--------------------------------------|--|------------|--|
| | | | <i>GLP: Y Published: N</i> | | | | | |
| <i>IIA 2.13</i> | <i>Urben Courtaulds , P.G.</i> | | <i>Breitherick's Handbook of reactive Chemical Hazards 5th Ed., Vol. 1 GLP: N Published: Y</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>BAS</i> | <i>DAR Addendum II July 2002</i> |
| <i>IIA. 2.15</i> | <i>Redeker J</i> | <i>1991 (d)</i> | <i>Determination of the oxidizing and reducing action of mecoprop-P technical grade. BASF, Lab. Report 3235, December 1991 Task Force KII 2.23: Reg. Doc. No. BASF 91/11179 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

Product: Mecoprop-P K 600 g/L

Please note that the data studies submitted for the purpose of renewal under Regulation 844/2012 and evaluated in Volume 3CP Section B2 (physical and chemical properties of the plant protection product) replace the original Annex I 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 |
|---|------------------|-----------------|---|----------------------------|--------------------------------------|--|------------|---|
| <i>IIIA. 2.1 to 2.9</i> | <i>Kröhl T</i> | <i>1994 (b)</i> | <i>Physical and chemical properties report for Duplosan KV (BAS 037 29 H) BASF, Lab. study PCF 01403, Dec 19, 1994. Task Force KIII 2.1: Reg. Doc. No. BASF 94/11196 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| KCP 2.1/01 2.4/01, 2.6/02, 2.7.1- 2.7.3/01, 2.8.2, 2.8.4, | Mahmood, T. | 2012 | Mecoprop-P K 600 Accelerated Storage Stability 12/0697 Nufarm UK Limited GLP Not published | N | Y | New data to new guidelines | Nufarm | Submitted for purposes of renewal |
| KCP 2.1/02 2.4/02 2.6/03 2.7/03 2.7.5/02 2.8.2/02 2.8.4/02 | Mahmood, T | 2014 | Mecoprop-P K 600 Two year storage stability 12/0717 Nufarm UK Limited GLP Not published | N | Y | New data to new guidelines | Nufarm | Submitted for purposes of renewal |
| <i>IIIA. 2.2</i> | <i>Löffler U</i> | <i>1994 (b)</i> | <i>Safety characteristics of the crop protection product BAS</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|---|--------------------|------|---|----------------------------|--------------------------------------|--|--------|---|
| | | | <i>037 29 H. BASF LAB Study SIK-Nr: 94/1254, Oct. 07, 1994 Task Force KIII 2.2: Reg. Doc. No. BASF 94/10879 GLP: Y Published: N</i> | | | | | |
| KCP 2.2/01 2.2/02 2.3.1/01 2.3.3/01 | Turner, B. | 2006 | Duplosan KV Physico- Chemical Properties NUF133/05390 2 Huntingdon Life Sciences Ltd, UK GLP Not published | N | N | | Nufarm | Submitted for purposes of renewal |
| KCP 2.3.1/02 | Bass, R.V. | 2000 | Optica: Determination of the Flash Point A H Marks, UK 00/0138 GLP Not published | N | N | | Nufarm | Submitted for purposes of renewal |
| KCP 2.5/01 | Wilson, I. | 2015 | MCPP-P K 600 g/l Determination of dynamic viscosity 15/0968 Nufarm UK Limited GLP Not published | N | Y | New data to new guidelines | Nufarm | Submitted for purposes of renewal |
| KCP 2.5/02 | L. Da Conceicao | 2015 | CA3015 determination of surface tension | N | Y | New data to new guidelines | Nufarm | Submitted for purposes of renewal |

| 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 |
|---------------------------------------|------------------------|------|--|----------------------------|--------------------------------------|--|--------|---|
| | | | 02107 Nufarm UK Limited GLP Not published | | | | | |
| KCP 2.5.2/01 2.5.3/01 2.6/01 | Bass, R.V. | 1999 | The Chemical and Physical Properties of Optica (CMPP- p K salt solution at 600 g l ⁻¹ CMPP-p acid 99/0084 A H Marks, UK GLP Not published | N | N | | Nufarm | Submitted for purposes of renewal |
| KCP 2.5.3/02 | Adam, C. | 2010 | Duplosan KV Determination of surface tension 01041 Nufarm SAS, France GLP Not published | N | Y | Newly submitted data | Nufarm | Submitted for purposes of renewal |
| III.A. 2.7 | Ohmsorge U | 1991 | <i>Duplosan KV. Data on the storage stability. BASF Lab. study April 2, 1992/sh/474 Task Force KIII 2.4: Reg. Doc. No. BASF 91/10129 GLP: N Published: N</i> | N | - | - | BAS | DAR (1998) |
| III.A. 2 | Uceda L & Viziere G | 1994 | <i>Astix/EXP0448 6C. Determination of physical and chemical</i> | N | - | - | BAS | DAR (1998) |

| 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 |
|------------|------------|------|--|----------------------------|--------------------------------------|--|-------|-----------------------------|
| | | | <i>properties and accelerated storage stability Rhône-Poulenc Study No. 94-79, Dec. 12, 1994. Task Force KIII 2.3: Reg. Doc. No. BASF 95/10279 GLP: Y Published: N</i> | | | | | |
| III A 2.7 | Kröhl, T | 1994 | <i>Physical and chemical properties report for Duplosan KV – BAS 037 29H Dec. 1994 GLP: Y Published: N</i> | N | Y (but expired) | - | BAS | DAR Addendum II (July 2002) |
| III A 2.7 | König, W. | 1997 | <i>Storage stability in original container of BAS 037 29 H. Two year study. Analytical results Jan. 1997 GLP: Y Published: N</i> | N | Y (but expired) | - | BAS | DAR Addendum II (July 2002) |
| III A 2.7 | Kästel, R. | 1997 | <i>Shelf life in original container of BAS 037 29 H. Physical properties report (24-month-storage) April 1997</i> | N | Y (but expired) | - | BAS | DAR Addendum II (July 2002) |

| 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 |
|-----------------------------|--------------------------------|-------------------------------------|--|----------------------------|--------------------------------------|--|--------|---|
| | | | <i>GLP: Y</i> <i>Published: N</i> | | | | | |
| KCP 2.7.2/02 2.7.4/01 | Wilson, I. | 2009 | MCPP-P K 600 g/l - Certificate of Analysis and Low Temperature Stability 09/0453 Nufarm UK Limited GLP Not published | N | Y | New data to new guidelines | Nufarm | Submitted for purposes of renewal |
| KCP 2.7.5/01 | Ackroyd, C. | 2001 | Two Year Storage Stability of R(+)-2-(4- chloro-2- methylphenoxy)propionic acid potassium salt, at 600 g l ⁻¹ of R(+)-2-(4- chloro-2- methylphenoxy)propionic acid 99/0094 A H Marks, UK GLP Not published | N | N | | Nufarm | Submitted for purposes of renewal |
| CP 2.9/01 | MacBean, C and Turner, J | 2012 (paper) 2014 (online) | Pesticide Manual, British Crop Protection Council, UK ISBN 978 1 901396 86 7 (OR online) (contact publications@ bcpc.org) | N | N | | Public | Submitted for purposes of renewal |

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 |
|--------------------|----------------|------|---|----------------------------|--------------------------------------|--|--------|------------------------|
| IIA. 3.1 to 3.5 | Kirkwood RC | 1983 | <i>The relationship of metabolism studies to the modes of action of herbicides. Pesticide Science 14: 453-460 Task Force KII 3.3: GLP: N Published: Y</i> | N | - | - | Nufarm | DAR (1998) |
| IIA. 3.6 | Coupland D | 1994 | <i>Resistance to the Auxin analog herbicides. Powles SB & Holtum JAM (Eds): Herbicide resistance in Plants - Biology and biochemistry. Lewis Publ. Boca Raton Fl. pp 171-214. Task Force KII 3.4: GLP: N Published: Y</i> | N | - | - | Nufarm | DAR (1998) |
| IIA. 3.7 | BASF | 1994 | <i>Duplosan CMPP acid technical: BASF Safety Data Sheet. BASF safety data sheet AP0031-P, March 28, 1994 Task Force KII 3.5 GLP: N Published: N</i> | N | - | - | Nufarm | DAR (1998) |
| IIA. 3.9 | Petrie AJ, | 1993 | <i>The</i> | N | - | - | Nufarm | DAR (1998) |

| 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 |
|-----------------|--|-------------|--|----------------------------|--------------------------------------|--|---------------|------------------------|
| | <i>Melvin MAL, Plane NH, Littlejohn JW</i> | | <i>effectiveness of water treatment processes for removal of herbicides. The Science of the Total Environment 135: 161-169 Task Force KII 3.7: GLP: N Published: Y</i> | | | | | |
| <i>IIA. 3.9</i> | <i>Schenk W</i> | <i>1994</i> | <i>Possible procedures for the decontaminatio n of water from MCP. P. BASF Lab. study 132 303, Aug. 11, 1994 Task Force KII 3.6: GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>Nufarm</i> | <i>DAR (1998)</i> |

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 | Kirkwood, R C. | (1983) | "The Relationship of Metabolism Studies to the Modes of Action of Herbicides", Pesticide Science 14, pages 453-460 | N | N | | N/A | DAR (1998) |
| KCA 3 | Weed Resistance Action Group | 2003 | "Managing and preventing herbicide resistance in weeds" http://www.pesticides.gov.uk/guidance/industries/pesticides/advisory-groups/Resistance-Action-Groups/wrag/herbicide-resistance-management-product-use | N | N | | N/A | Submitted for purposes of renewal |
| Doc H | Nufarm | 2010 | Safety Data Sheet, Mecoprop-P [(R)-2-(4- chloro-2- methylphenoxy)propanoic] Version 16, Dated 15.10.2010 Not GLP Published | N | N | - | Nufarm | Submitted for purposes of renewal |

Product: Mecoprop-P K 600 g/L

| 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 4.2.1/01 | Wilson, I. | 2012 | Mecoprop-P K 600 g/l – Small Scale Jar Test 12/0710 Nufarm UK Limited GLP Not published | N | Y | New data requirements | Nufarm | Submitted for purposes of renewal |
| KCP 4.2.1/02 | Stadler, R | 2002 | BAS 037 32 H Duplosan – Effectiveness of Procedures for Cleaning Application Equipment and Protective Clothing 2002/1005097 BASF Aktiengesellsc haft, Germany Not GLP Not published | N | N | | Nufarm | Submitted for purposes of renewal |

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 |
|------------|------------------|------|--|----------------------------|--------------------------------------|--|-------|------------------------|
| IIA. 4.1 | Brenner, K.S. | 1986 | <i>Analytical Method Vo. V No. 19717, Determination of polychlorinated dibenzo-p- dioxins (PCDDS) and dibenzofuranes (PCDFs) in 2,4- dichlorophenox yacetic acid tech. Task Force KII 4.6: Reg. Doc. No. BASF 86/10813 GLP: N Published: N</i> | N | Y (but expired) | - | BAS | DAR (1998) |
| IIA. 4.1 | Brenner, K.S. | 1993 | <i>Annex to Analysis of mixed sample mecoprop-P. Deviations from Analytical Method 1917. Task Force KII 4.7: Reg. Doc. No. BASF 93/11638 GLP: N Published: N</i> | N | Y (but expired) | - | BAS | DAR (1998) |
| IIA. 4.1 | DAPA | 1994 | <i>CIPAC Analytical method 475/TC/M- Task Force KII 4.1: Reg. Doc. No. BASF 94/11752 GLP: N</i> | N | - | - | BAS | DAR (1998) |

| 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 |
|------------|---------------------------------|-------|---|----------------------------|--------------------------------------|--|-------|-----------------------------------|
| | | | <i>Published: N</i> | | | | | |
| IIA. 4.1 | <i>Petersen, Thiery M.</i> | 1992 | <i>CP No 169; Determination of mecoprop-P and technical impurities in technical active ingredient by HPLC Task Force KII 4.2: Reg. Doc. No. BASF 92/12196 GLP: Y Published: N</i> | N | - | - | BAS | DAR (1998) |
| IIA. 4.1 | <i>Petersen, Thiery M.</i> | 1994 | <i>CP No 191/1; Determination of the impurity Reg. No. 298552 in technical dichlorprop-P and in technical mecoprop-P Task Force KII 4.4: Reg. Doc. No. BASF 94/10631 GLP: Y Published: N</i> | N | - | - | BAS | DAR (1998) |
| IIA 4.1 | ? | ? | <i>Validation of HPLC-method CP 169: Determination of mecoprop-P and technical impurities in techn. Mecoprop-P GLP: Y Published: N</i> | N | Y | - | BAS | DAR Addendum II (July 2002) |
| IIA. 4.1 | <i>Ross, T., Wadher, S.</i> | 1995a | <i>Method of Analysis - Active Isomers in Technical Phenoxy Acetic and Technical</i> | N | - | - | NUF | DAR (1998) |

| 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 |
|-----------------|---------------------------------|--------------|---|----------------------------|--------------------------------------|--|--------------------|------------------------|
| | | | <i>Phenoxy Propionic Acids, Formulations and Esters including Dicamba. Nufarm KII 4.1.1/01 GLP: N Published: N</i> | | | | | |
| <i>IIA. 4.1</i> | <i>Ross, T., Wadher, S.</i> | <i>1995b</i> | <i>Enantiomeric Ration of Active Isomer in 2,4- DP of CMPP Formulations. Nufarm KII 4.1./02 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |
| <i>IIA. 4.1</i> | <i>Ross, T., Wadher, S.</i> | <i>1995c</i> | <i>Analysis of Isomer Distribution in Phenoxy Acid by GLC. Nufarm KII 4.1.1/03 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |
| <i>IIA. 4.1</i> | <i>Silvestre, D.</i> | <i>1988</i> | <i>Determination of polychlorinated dibenzo-p- dioxins and dibenzofuranes in 2,4-D, 2,4- DB, 2,4-DP, MCPA and MCPP by GC/MS Task Force KII 4.8: Reg. Doc. No. BASF 88/10855 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS NUF</i> | <i>DAR (1998)</i> |

| 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 4.1.1/01 | Wilson, I. | 2011 | The analysis of six batches of R(+) 2-(4- chloro-2- methylphenoxy)propionic acid (Mecoprop-P) TGAI 10/0549 Nufarm UK Ltd GLP Not published ⇒ Filed in Confidential Document J | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/01 | ██████ ██████ | 2008 | Dietary two year carcinogenicity study in the rat ██████ ██████ ██████ ██████ GLP Not published ⇒ CA 5.5/01 | Y | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/02 | ██████ ██████ | 2003 | Mecoprop-P: oral (dietary administration) preliminary reproduction toxicity study in the rat ██████ ██████ ██████ GLP Not published ⇒ CA 5.6.1/01 | Y | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA | ██████ | 2013 | Mecoprop-P | Y | Y | New data | Nufarm | Submitted |

| 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 |
|-----------------|------------|------|--|----------------------------|--------------------------------------|--|--------|---|
| 4.1.2/03 | | | livestock feeding study: magnitude of residue in milk, muscle, liver, kidney and fat of lactating dairy cattle ██████████ ██████████ GLP Not published ⇒ CA 6.1/01 | | | submitted | | for purposes of renewal |
| KCA 4.1.2/04 | Rawle, N. | 2014 | Frozen Storage Stability Study for Mecoprop- P, HMCPP, CCPP and PCOC in Bovine Specimens CEMR-6048 CEMAS GLP Not published ⇒ CA 6.1/02 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/05 | Anding, C. | 2011 | Stability study of Mecoprop-P in soft winter wheat (grain, straw and green plant) after a nineteen months storage in a congelator at a temperature under minus 18°C AVE/00-033 Defitraces GLP Not published ⇒ CA 6.1/03 | N | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA | Perny, A. | 2002 | Residue | N | N | N/A | Nufarm | Submitted |

| 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 |
|-----------------|---------------------------------------|-------|---|----------------------------|--------------------------------------|--|--------|---|
| 4.1.2/06 | | | decline of Mecoprop-P potassium salt in cereals in Southern Europe R A0119 Anadiag GLP Not published ⇒ 6.3.1/02 | | | | | for purposes of renewal |
| KCA 4.1.2/07 | Gallais, C. | 2002a | Residue decline of Mecoprop-P potassium salt in cereals in Southern Europe R A1135 Anadiag GLP Not published ⇒ CA 6.3.1/04 | N | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/08 | Tandy, R. | 2014a | Determination of residues of Mecoprop-P after a single application of Mecoprop-p K 600 in cereals at 4 sites in Northern Europe 2013 S13-00323 Eurofins Agroscience Services GLP Not published ⇒ CA 6.3.1/05 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/09 | Beck, J.; Fegert, A.; Mackenrot | 1997a | Study on the residue behaviour of | N | N | N/A | Nufarm | Submitted for purposes of renewal |

| 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 |
|-----------------|---|-------|---|----------------------------|--------------------------------------|--|--------|---|
| | h, Ch. | | Mecoprop-P in grass after two treatments with Duplosan® (BAS 037 32 H) under field conditions in Great Britain, 1996 UK/HR/01/96 BASF Aktiengesellsc haft GLP Not published ⇒ CA 6.3.2/01 | | | | | |
| KCA 4.1.2/10 | Beck, J.; Fegert, A.; Mackenrot h, Ch. | 1997b | Study on the residue behaviour of Mecoprop-P in grass after treatment with Duplosan® (BAS 037 32 H) under field conditions in Great Britain, 1997 UK/HR/01/97 BASF Aktiengesellsc haft GLP Not published ⇒ CA 6.3.2/02 | N | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/11 | Wilson, A. | 2008 | Mecoprop-P residue study (at harvest and decline) with Duplosan KV (600 g/L Mecoprop-P) applied to grassland in Germany and | N | N | N/A | Nufarm | Submitted for purposes of renewal |

| 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 |
|-----------------|--------------------|------|--|----------------------------|--------------------------------------|--|--------|---|
| | | | United Kingdom, 2007 ACI07-005 Agrochemex International Ltd GLP Not published ⇒ CA 6.3.2/03 | | | | | |
| KCA 4.1.2/12 | Couldridge , C. | 2010 | Determination of Mecoprop-P residues in grassland following a single application of CMPP-P K 600 g/l AI in the United Kingdom in 2009 935-09-AHM- GRA Oxford Agricultural Trials Limited GLP Not published ⇒ CA 6.3.2/04 | N | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/13 | Martin, J. | 2011 | Determination of residues of Mecoprop-P after one application of Mecoprop-P K 600 in grassland at 4 sites in the UK 2010 S10-02012 Eurofins Agroscience Services Ltd GLP | N | N | N/A | Nufarm | Submitted for purposes of renewal |

| 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 |
|-----------------|-------------|-------|---|----------------------------|--------------------------------------|--|--------|---|
| | | | Not published ⇒ CA 6.3.2/05 | | | | | |
| KCA 4.1.2/14 | Perny, A. | 2002b | Residue decline of Mecoprop-P potassium salt in grassland in Southern Europe R A0123 Anadiag GLP Not published ⇒ 6.3.2/07 | N | N | N/A | Nufarm | Submitted for purposes of renewal/ (In DAR Addendum IV (Feb 2003)) |
| KCA 4.1.2/15 | Gallais, C. | 2002b | Residue decline of Mecoprop-P potassium salt in grassland in Southern Europe R A1136 Anadiag GLP Not published ⇒ CA 6.3.2/09 | N | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/16 | Tandy, R. | 2014b | Determination of residues of Mecoprop-P after a single application of Mecoprop-P K 600 in grassland (outdoor) at 4 sites in Southern Europe S13-00322 Eurofins Agroscience Services GLP | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |

| 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 |
|-----------------|------------------|------|--|----------------------------|--------------------------------------|--|--------|---|
| | | | Not published ⇒ CA 6.3.2/10 | | | | | |
| KCA 4.1.2/17 | ████████ | 1993 | MCPPP-P-DMA Salt – Avian Dietary LC ₅₀ test in chicks of the mallard duck (<i>Anas platyrhynchos</i> L.) ██████████ █ ██████ ██████████ █ GLP Not published ⇒ CA 8.1.1.2/01 | Y | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/18 | Jenkins, C.A. | 2007 | Mecoprop-P (DMA salt) algal growth inhibition assay <i>Navicula</i> ZZF0001/0631 20 Huntingdon Life Sciences Ltd GLP Not published ⇒ CA 8.2.6.2/01 | N | N | N/A | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/19 | Burke, J. | 2007 | Mecoprop-P (DMA salt) algal growth inhibition assay <i>Skeletonema</i> ZZF0002/0635 25 Huntingdon Life Sciences Ltd | N | N | N/A | Nufarm | Submitted for purposes of renewal |

| 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 |
|-----------------|-----------------|------|--|----------------------------|--------------------------------------|--|--------|---|
| | | | GLP Not published ⇒ CA 8.2.6.2/02 | | | | | |
| KCA 4.1.2/20 | Mack, P. | 2012 | LAF-74: a semi-field study to investigate residues in honeybee products and honeybee larvae (<i>Apis mellifera carnica</i> L.; Hymenoptera, Apidae) in <i>Phacelia tanacetifolia</i> in Germany in 2011 S11-02084 Eurofins Agroscience Services EcoChem GmbH GLP Not published ⇒ CA 8.3.1.4/01 | N | N | N/A | Nufarm | Submitted for purposes of renewal (Note: this study was considered for the review of 2,4-D according to Regulation 1141/2010). |
| KCA 4.1.2/21 | Kleebaum, K. | 2014 | Acute toxicity of Mecoprop-P technical acid to honeybee larvae <i>Apis mellifera</i> L. under laboratory conditions (<i>in vitro</i>) Report No. 14 10 48 023 B BioChem agrar GLP Not published ⇒ CA | N | Y | New Data Submitted | Nufarm | Submitted for purposes of renewal |

| 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 |
|-----------------------|---------------|------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | 8.3.1.3/01 | | | | | |
| KCA 4.1.2/22 | ██████████ | 2015 | Mecoprop-p: Toxic Effects to Rainbow Trout (<i>Oncorhynchus mykiss</i>) in an Early-life Stage Toxicity Test. Report No. ██████████ ██████████ ██████████ ██████████ GLP Not published ⇒ CA 8.2.2.1/01 | Y | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCA 4.1.2/23 | Comb. A.L. | 2000 | Mecoprop-P (pure grade) physic- chemical properties NUF004/99352 3 Huntingdon Life Sciences Ltd GLP Not published ⇒ CA 2.1/01 | N | N | N/A | Nufarm | Submitted for purposes of renewal |
| IIA 4.2.1 IIIA 5.2 | Reichert N | ? | <i>Development and Validation of Method of Analysis for the Determination of Mecoprop-P (MCP-P) and Dichlorprop-P (2,4-DP-P) in Cereals Method No. AR 258-00 Study No.: IF- 100/25890-00</i> | N | Y | - | BAS | <i>DAR Addendum II (July 2002)</i> |

| 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 |
|-------------------------------|----------------|----------|--|----------------------------|--------------------------------------|--|------------|--|
| | | | <i>Institut Fresenius, D- 65232 Taunusstein, Germany Task Force MCP-P and Task Force 2,4- DP-P, 1988 Sponsor's Study No. 00- 156 (BASF DocID 2000/1019842) GLP: Y Published: N</i> | | | | | |
| <i>IIA 4.2.1 IIIA 5.2</i> | <i>Class T</i> | <i>?</i> | <i>Independent Laboratory Validation (ILV) of Method AR 258-00 for the Determination of Mecoprop-P (MCP-P) and Dichlorprop-P (2,4-DP-P) in Cereals PTL Europe Study No. P 449 G PTL Europe Study Report No. B 449 G PTL Europe, D-89081 Ulm, Germany Task Force MCP-P and Task Force 2,4- DP-P, 1988 (BASF DocID 2000/1020475) GLP: Y Published: N</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR Addendum II (July 2002)</i> |
| KCA | Allen, L. | 2014a | Analytical method for the | N | Y | New data | Nufarm | Submitted for purposes |

| 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 |
|---------------|-----------|------|---|----------------------------|--------------------------------------|--|--------|---|
| 4.2/01 | | | determination of phenoxy acids and their corresponding 2-ethyl hexyl esters and glycine conjugates in cereal grain, straw and foliage, bovine muscle, fat, liver and milk, poultry eggs, citrus fruit and olives and phenoxy acids and their corresponding 2-ethyl hexyl esters in surface water, soil and air CAM- 0004/003 CEM Analytical Services Limited (CEMAS) GLP Not published | | | submitted | | of renewal |
| KCA 4.2/02 | Allen, L. | 2013 | Validation of draft residue method CAM- 0004/001 for the determination of phenoxy acids and their corresponding 2-ethyl hexyl esters and glycine conjugates in cereal grain, straw and foliage | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |

| 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 |
|-------------------------------|------------------------|----------|--|----------------------------|--------------------------------------|--|------------|--|
| | | | CEMR-6228 CEM Analytical Services Limited (CEMAS) GLP Not published | | | | | |
| KCA 4.2/03 | Watson, G. | 2014a | Phenoxy herbicides – independent laboratory validation of the analytical method CAM- 004/001 for the determination of phenoxy acids and their corresponding 2-ethyl hexyl esters and glycine conjugates in crops by LC- MS/MS S13-05322 Eurofins Agroscience Services GLP Not published | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| <i>IIA 4.2.2 IIIA 5.2</i> | <i>Simonin B M</i> | <i>?</i> | <i>Mecoprop-P and dichlorprop-P, Analytical method for the determination of residues in animal products, AR 125-96. Document number R&D/CRLD/A N/9616246 Performing</i> | <i>N</i> | <i>Y</i> | <i>-</i> | <i>BAS</i> | <i>DAR Addendum II (July 2002)</i> |

| 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 |
|-----------------------|------------|------|--|----------------------------|--------------------------------------|--|------------|-----------------------------------|
| | | | laboratory: Rhone Poulenc Secteur AGRO, Lyon, France Task Force MCCP-P and Task Force 2,4- DP-P, 1988 (Reg. Doc. # BASF 96/10764) GLP: Y Published: N | | | | | |
| IIA 4.2.2 IIIA 5.2 | Reichert N | ? | Independent Laboratory Validation of the Method of Analysis AR 125-96 for the determination of Mecoprop-P (MCCP-P) and Dichlorprop-P (2,4-DP-P) in Products of Animal Origin. Study No. IF- 100/22147-00, Draft Report. Institut Fresenius, D- 65232 Taunusstein, Germany Task Force MCCP-P and Task Force 2,4- DP-P, 1988 GLP: Y Published: N | N | Y | - | BAS | DAR Addendum II (July 2002) |
| IIA. 4.2.2 | Tilting N. | 1988 | CG-MS Bestimmung über Phenoxyalkanc arbonsäure- methylester. Mecoprop, | N | - | - | BAS NUF | DAR (1998) |

| 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 |
|---------------|------------|-------|---|----------------------------|--------------------------------------|--|--------|---|
| | | | <i>MCPA. Boden. BASF Report Method 173/2 Nufarm Task Force KII 4.2.2/01 Task Force KII 4.12: Reg. Doc. No. BASF 88/10189 GLP: N Published: N</i> | | | | | |
| KCA 4.2/04 | Allen, L. | 2014b | Validation of draft residue method CAM- 0004/002 for the determination of phenoxy acids and their corresponding 2-ethyl hexyl esters and glycine conjugates in animal matrices (egg, milk, muscle, fat, liver, kidney), orange and olives CEMS-6229 CEM Analytical Services Limited (CEMAS) GLP Not published | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCA 4.2/05 | Watson, G. | 2014b | Phenoxy herbicides – independent laboratory validation of the analytical method CAM- 004/002 for the | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |

| 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 |
|-------------------|--------------------------------------|-------------|--|----------------------------|--------------------------------------|--|------------|--|
| | | | determination of phenoxy acids and their corresponding 2-ethyl hexyl esters and glycine conjugates in six matrices by LC-MS/MS S14-00286 Eurofins Agroscience Services GLP Not published | | | | | |
| <i>IIA. 4.2.3</i> | <i>Anonymous</i> | <i>1985</i> | <i>The determination of MCPA, MCPB and MCPD herbicides in river and drinking waters. HMSO publication, p 23-29, 1985. Nufarm Task Force KII 4.2.3/01 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |
| <i>IIA 4.2.3</i> | <i>UK Environment Agency</i> | <i>1997</i> | <i>The determination of acidic herbicides, bromoxynil, ioxynil and pentachlorophe nol in waters 1997 GLP: Y Published: Y</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>BAS</i> | <i>DAR Addendum II (July 2002)</i> |
| KCA 4.2/06 | Allen, L. | 2014c | Validation of draft residue | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |

| 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 |
|---------------|-------------|------|---|----------------------------|--------------------------------------|--|------------|-----------------------------------|
| | | | method CAM-0004/003 for the determination of phenoxy acids and their corresponding 2-ethyl hexyl esters in surface water, soil and air CEMS-6230 CEM Analytical Services Limited (CEMAS) GLP Not published | | | | | |
| KCA 4.2/07 | Weir, A. | 2014 | Phenoxy herbicides – independent laboratory validation of the analytical method CAM-004/003 for the determination of phenoxy acids and their corresponding 2-ethyl hexyl esters in drinking water by LC-MS/MS S14-01199 Eurofins Agroscience Services GLP Not published | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| IIA. 4.2.4 | Reichert N. | 1994 | <i>Development and validation of a method for the determination of 2,4-D,</i> | N | - | - | BAS NUF | DAR (1998) |

| 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 |
|------------|-----------|------|--|----------------------------|--------------------------------------|--|-------|------------------------|
| | | | <p><i>MCPA, Dichlorprop-P and Mecoprop- P in air. RCC Umweltchemie, Report 439705, June 7, 1994. Nufarm Task Force KII 4.2.4/01 Task Force KII 4.15: Reg. Doc. No. BASF 94/10505 GLP: Y Published: N</i></p> | | | | | |

Product: Mecoprop-P K 600 g/L

| 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 |
|----------------|-----------------------|------|---|----------------------------|--------------------------------------|--|------------|---|
| CP 5.1.1/01 | Wilson, I | 2009 | Duplosan KV (Mecoprop-P K 600 g/L) – Accelerated Storage and Dilution Stability. Report No: 09/0523 Nufarm UK Limited GLP Not published | N | Y | New data to new guidelines | Nufarm | Submitted for purposes of renewal |
| III A 5.2 | <i>Anonymous</i> | 1978 | <i>2,4,5-T, 2,4- DP, CMPP, 2,4-D, MCPA, MCPB; Gaschromatogr aphic determination in grass, cereals (green plants, straw, grains) and grapes, Method 143 GPE/R, Dec. 1978 Task Force, Reg. Doc. # BASF 78/10137 GLP: N Published: N</i> | <i>N</i> | <i>N</i> | - | <i>BAS</i> | <i>DAR (1998)</i> |
| III A 5.2 | <i>Anonymou s</i> | 1990 | <i>Analyses of cereals and grass for phenoxy acid and phenol contamination by GC/MS. Test Method No. 246 AH Marks GLP: N</i> | <i>N</i> | <i>N</i> | - | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|------------|-------------------|------|---|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | <i>Published: N</i> | | | | | |
| III A 5.2 | <i>D'Oliveira</i> | 1993 | <i>Mecoprop-P analytical method for determination of residues in rye grass samples, Method No. MET94-01-E Defitraces Z:A: Les Andres, Brindas, Fr. Task Force, Reg. Doc. # BASF 94/11255 GLP: N Published: N</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| III A 5.2 | <i>Keller W</i> | 1980 | <i>2,4,5-T, 2,4- DP, mecoprop, 2,4-D, MCPA, MCPB; De- termination by GC/MS of phenoxy alkane carboxylic acid methylesters in grass, cereals (green plants, straw and grain), grapes, Method 173 APE/RU, Dec. 1980 Reg. Doc. # BASF 80/10055 GLP: N Published: N</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |
| III A 5.2 | <i>Pfarl C</i> | 1994 | <i>Analytical method for determination of residues of 2,4-D, dichlorprop, MCPA and mecoprop in cereals and grass</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |

| 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 |
|-----------------|------------|-------|---|----------------------------|--------------------------------------|--|--------|---|
| | | | Report No 1172 Nufarm UK, Agrolinz Melamin GmbH GLP: Y Published: N | | | | | |
| KCP 5.1.2/01 | ████████ | 2014a | Mecoprop-p K 600 (CA3015): Acute toxicity to Rainbow Trout (<i>Oncorhynchus mykiss</i>) in a 96-Hour Test ████████ ████████ ████████ ████████ GLP Not published ⇒ CP 10.2.1 | Y | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCP 5.1.2/02 | Liedtke, A | 2014b | Mecoprop-p K 600 (CA3015): Acute Toxicity to <i>Daphnia magna</i> in a 48- Hour Immobilization Test D76033 Harlan Laboratories Ltd, Switzerland GLP Not published ⇒ CP 10.2.1 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCP 5.1.2/03 | Liedtke, A | 2013a | Mecoprop-p K 600 (CA3015): Toxicity to <i>Pseudokirchne riella subcapitata</i> in a 72-hour algal growth | N | Y | New data submitted | NUF | Submitted for purposes of renewal |

| 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 |
|-----------------|------------|-------|---|----------------------------|--------------------------------------|--|--------|---|
| | | | inhibition test Harlan Laboratories Ltd, Switzerland D76044 GLP Not published ⇒ CP 10.2.1 | | | | | |
| KCP 5.1.2/04 | Liedtke, A | 2013b | Mecoprop-p K 600 (CA3015): Toxicity to the Aquatic Higher Plant <i>Lemma gibba</i> in a 7- day Growth Inhibition Test D76055 Harlan Laboratories Ltd, Switzerland GLP Not published ⇒ CP 10.2.1 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCP 5.2.1/05 | Wilson, I | 2009 | MCPP-P K 600 g/l - Certificate of Analysis and Low Temperature Stability 09/0453 Nufarm UK Limited GLP Not published ⇒ CP 2.7.2/02 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCP 5.2.1/06 | Wilson, I | 2009 | MCPP-P K 600 g/l - Certificate of Analysis and Low Temperature Stability 09/0453 Nufarm UK Limited | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |

| 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 |
|-----------------|---------------|------|--|----------------------------|--------------------------------------|--|--------|---|
| | | | GLP Not published ⇒ CP 2.7.2/02 | | | | | |
| KCP 5.1.2/07 | Wilson, I | 2012 | Mecoprop-P K 600 Small Scale Jar Test 12/0710 Nufarm UK Limited GLP Not published ⇒ CP 4.2/01 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCP 5.1.1/0 | Mahmood, T | 2012 | Mecoprop-P K 600 Accelerated Storage Stability 12/0697 Nufarm UK Limited GLP Not published ⇒ CP 2.1/01 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |
| KCP 5.1.2/ | Mahmood, T | 2014 | Mecoprop-p K 600 g/l - Two Year Storage Stability 12/0717 Nufarm UK Limited GLP Not published ⇒ CP 2.7.5/02 | N | Y | New data submitted | Nufarm | Submitted for purposes of renewal |

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 | ████████ | 1997 | ¹⁴ C)- Mecoprop-P: Absorption, distribution, metabolism and excretion in the rat ████████ ████████ ████████ █ GLP Not published ⇒Previously submitted, data relied upon | Y | Y (but expired) | | MCCP- P Task Force | In DAR Addendum July 2002 |
| IIA. 5.1 | ██████ ██████ ████████ | 1978 | The metabolic fate of (¹⁴ C)- mecoprop (DL- 2-(4-chloro-2- methylphenoxy) propionic acid) in the rat. ████████ ████████ ████████ ████████ GLP: N Published: N | Y | N | - | BAS NUF | DAR (1998) |
| CA 5.1 | Timchalk, C | 2004 | Comparative inter-species pharmacokin etics of phenoxyaceti c acid herbicides and related organic acids. Evidence that the dog is not a relevant species for evaluation of | N | N | - | Public | Submitted for the purposes of renewal |

| 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 |
|----------------------|-------------------------------|--------------|---|----------------------------|--------------------------------------|--|-----------------------------------|------------------------|
| | | | human health risk Toxicology 200, 1-19 Not GLP Published | | | | | |
| <i>IIA. 5.2</i> | ██████████ ██████████ █ | <i>1983a</i> | <i>Report on the study of the acute oral toxicity in rats of CMPP (mecoprop) (D- form).</i> ██████████ ██████████ <i>GLP: N Published: N</i> | <i>Y</i> | <i>N</i> | - | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.2</i> | ██████████ ██████████ █ | <i>1983b</i> | <i>Report on the study of the acute oral toxicity in rats of CMPP (mecoprop).</i> ██████████ ██████████ <i>GLP: N Published: N</i> | <i>Y</i> | <i>N</i> | - | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>KCA 5.2.1</i> | ██████████ | <i>1994a</i> | <i>Mecoprop-P: Acute Oral LD₅₀ in the rat.</i> ██████████ ██████████ ██████████ <i>GLP Not published ⇒Previously submitted, data relied upon</i> | <i>Y</i> | <i>N</i> | | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.2</i> | ██████████ ████ | <i>1990a</i> | <i>Mecoprop-P: acute oral toxicity study in the rat. Life Science Research</i> | <i>Y</i> | <i>N</i> | - | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|-----------------|-------------------------|-------|---|----------------------------|--------------------------------------|--|------------------------|---|
| | | | <i>Limited report no: 90/AMS015/05 31 GLP: Y Published: N</i> | | | | | |
| KCA 5.2.1/01 | ██████ | 2009 | Acute dietary toxicity of MCP-P in mice ██████ ██████ ██████ ██████ GLP Not published | Y | Y | New data submission | MCP-P Task Force | Submitted for purposes of renewal |
| IIA. 5.2 | ██████ ███ ██████ | 1983c | <i>Report on the study of the acute dermal toxicity in rats of CMPP (mecoprop).</i> ██████ ██████ GLP: N Published: N | Y | N | - | NUF | DAR (1998) |
| IIA. 5.2 | ██████ ███ | 1990b | <i>Acute percutaneous toxicity study in the rat.</i> ██████ ██████ ██████ ███ ██████ ███ GLP: Y Published: N | Y | N | - | BAS | DAR (1998) |
| IIA. 5.2 | ██████ | 1994b | <i>Mecoprop-P, acute dermal LD₅₀ in the rat.</i> ██████ ██████ ███ GLP: Y | Y | N | - | BAS | DAR (1998) |

| 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 |
|--------------|--|-------|--|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | <i>Published: N</i> | | | | | |
| KCA 5.2.2 | ██████████ ██████████ ██████████ | 1984 | Report on the study of the acute dermal toxicity in rats of CMPP (Mecoprop) – D-Form ██████████ ██████████ ██████████ ██████████ Not GLP Not published ⇒Previously submitted, data relied upon | Y | N | | MCPP- P Task Force | DAR (1998) |
| IIA. 5.2 | ██████████ ██████████ █ | 1983d | Report on the study of the acute intraperitoneal toxicity in rats of CMPP (mecoprop) (D- form). ██████████ ██████████ GLP: N Published: N | Y | N | - | BAS | DAR (1998) |
| IIA. 5.2 | ██████████ ██████████ █ | 1983e | Report on the study of the acute intraperitoneal toxicity in rats of CMPP (mecoprop). ██████████ ██████████ GLP: N Published: N | Y | N | - | NUF | DAR (1998) |
| IIA. 5.2 | ██████████ ██████████ ██████████ | 1977 | Acute inhalation toxicity in rats 4 hour exposure to the dust of mecoprop (MCPP) and | Y | N | - | MCPP- P Task Force | DAR (1998) |

| 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 |
|----------------------|--------------------------|--------------|---|----------------------------|--------------------------------------|--|-----------------------------------|------------------------|
| | | | <i>mecoprop, isomer D.</i> ██████████ ██████████ ██████████ <i>report no.</i> <i>GLP: N</i> <i>Published: N</i> | | | | | |
| <i>KCA 5.2.3</i> | ██████████ ██████████ | <i>1986a</i> | <i>Report on the Study of the Acute Inhalation Toxicity LC₅₀ 4 hours (Rat); dust aerosol of Mecoprop (CMPP) – D Form</i> ██████████ ██████████ ██████████ ██████████ <i>Not GLP</i> <i>Not published</i> <i>⇒Previously submitted, data relied upon</i> | <i>Y</i> | <i>N</i> | | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.2</i> | ██████████ █ | <i>1990</i> | <i>Mecoprop-P: Acute inhalation toxicity in the rat.</i> ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ <i>GLP: Y</i> <i>Published: N</i> | <i>Y</i> | <i>N</i> | - | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.2</i> | ██████████ | <i>1986b</i> | <i>Report on the</i> | <i>Y</i> | <i>N</i> | - | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|------------|--|-------|---|----------------------------|--------------------------------------|--|------------------|------------------------|
| | ██████████ ██████████ ██████████ ██████████ | | <i>study of the acute inhalation toxicity LC₅₀ 4 hours (rat); dust aerosol study of mecoprop (MCP). ██████████ ██████████ GLP: Y Published: N</i> | | | | | |
| KCA 5.2.4 | ██████████ | 1994c | <i>Mecoprop-P: Acute Dermal Irritation Test in the Rabbit. ██████████ ██████████ ██████████ GLP Not Published ⇒Previously submitted, data relied upon</i> | Y | N | | MCP-P Task Force | DAR (1998) |
| KCA 5.2.4 | ██████████ | 1990a | <i>Mecoprop-P: Acute Dermal irritation/Corrosion Test in the Rabbit & amendment ██████████ ██████████ ██████████ ██████████ GLP Not published ⇒Previously submitted, data relied upon</i> | Y | N | | MCP-P Task Force | DAR (1998) |
| IIA. 5.2 | ██████████ ██████████ ██████████ | 1983f | <i>Report on the study of the irritation to the intact and</i> | Y | N | - | BAS | DAR (1998) |

| 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 |
|----------------------|-------------------------------|---------------------|---|----------------------------|--------------------------------------|--|-----------------------------------|------------------------|
| | | | <i>abraded dorsal skin of the white rabbit based on Draize.</i> ██████████ ██████████ <i>GLP: N Published: N</i> | | | | | |
| <i>IIA. 5.2</i> | ██████████ ██████████ █ | <i>1983g</i> | <i>Report on the study of the irritation to the intact and abraded dorsal skin of the white rabbit based on Draize.</i> ██████████ ██████████ <i>GLP: N Published: N</i> | <i>Y</i> | <i>N</i> | - | <i>NUF</i> | <i>DAR (1998)</i> |
| <i>KCA 5.2.5</i> | ██████████ ██████████ | <i>1983h</i> | <i>Report on the study of the irritation to the eye of the white rabbit based on Draize of CMPP (Mecoprop) - D-form</i> ██████████ ██████████ ██████████ ██████████ <i>Not GLP Not published ⇒Previously submitted, data relied upon</i> | <i>Y</i> | <i>N</i> | | <i>MCPP- P Task Force</i> | <i>DAR (1998)</i> |
| <i>KCA 5.2.5</i> | ██████████ | <i>(1990b)</i> | <i>Mecoprop-P: Acute Eye irritation/Corr osion Test in the Rabbit &Amendment</i> | <i>Y</i> | <i>N</i> | | <i>MCPP- P Task Force</i> | <i>DAR (1998)</i> |

| 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 |
|--------------|--|-------|---|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | <p>██████████ ██████████ ██████████ ██████████ ██████████ ██████████ GLP Not published ⇒Previously submitted, data relied upon</p> | | | | | |
| IIA. 5.2 | ██████████ ██████████ ██████████ | 1983i | <p>Report on the study of the irritation to the eye of the white rabbit based on Draize of CMPP (mecoprop). BASF report no: 83/184 GLP: N Published: N</p> | Y | N | - | NUF | DAR (1998) |
| KCA 5.2.6 | ██████████ ██████████ ██████████ | 1985 | <p>Report on the maximization test for the sensitizing potential of CMPP (Mecoprop) - D-form in guinea pigs ██████████ ██████████ ██████████ ██████████ Not GLP Not published ⇒Previously submitted, data relied upon</p> | Y | N | | MCPP- P Task Force | DAR (1998) |
| KCA 5.2.6 | ██████████ | 1994 | <p>Mecoprop-P delayed contact</p> | Y | N | | MCPP- P Task Force | DAR (1998) |

| 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 |
|--------------|--|------|---|----------------------------|--------------------------------------|--|--------------------------|--------------------------------|
| | | | <i>hypersensitivity study in the guinea pig 94/0517 Pharmaco LSR Ltd, UK GLP Not published ⇒Previously submitted, data relied upon</i> | | | | | |
| KCA 5.2.6 | ██████ ██████ ██████ | 1995 | <i>Maximisation Test for the sensitising potential of Mecoprop-p in Guinea Pigs ██████ ███ ██████ ██████ ██████ GLP Not published ⇒Previously submitted, data relied upon</i> | Y | N | | MCCP- P Task Force | DAR Addendum (July 2002) |
| IIA. 5.2 | ██████ ███ ██████ ██████ | 1984 | <i>Report on the study on the sensitizing effect of CMPP (mecoprop) in the guinea pig - open epicutaneous test (OET). ██████ ██████ GLP: N Published: N</i> | N | N | - | NUF | DAR (1998) |
| IIA. 5.2 | ██████ ██████ ███ ██████ ███ | 1984 | <i>Report on the sensitizing effect of CMPP (mecoprop) in the guinea pig maximization</i> | Y | N | - | NUF | DAR (1998) |

| 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 |
|-----------------|--------------------------|------|--|----------------------------|--------------------------------------|--|--------------------------|---|
| | | | <i>test.</i> [REDACTED] [REDACTED] GLP: N Published: N | | | | | |
| KCA 5.2.7/01 | [REDACTED] [REDACTED] | 2014 | Mecoprop-P TGAI: Cytotoxicity Assay <i>in vitro</i> with BALB/c 3T3 Cells: Neutral Red (NR) Test during Simultaneous Irradiation with Artificial Sunlight [REDACTED] [REDACTED] [REDACTED] GLP: Y Published: N | Y | Y | New data requirements | Nufarm | Submitted for the purpose of renewal |
| KCA 5.3.1 | [REDACTED] [REDACTED] | 1986 | <i>Report on the comparative study of the toxicity of the racemate and D-form of Mecoprop in rats after 7- week administration in the diet</i> [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] Not GLP Not published ⇒Previously submitted, data relied upon | Y | N | | MCCP- P Task Force | DAR (1998) |
| KCA | [REDACTED] | 1979 | <i>Mecoprop, 3-</i> | Y | N | | MCCP- | DAR (1998) |

| 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 |
|----------------------|---------------------------------|------|---|----------------------------|--------------------------------------|--|-----------------|------------------------|
| 5.3.2 | | | month oral toxicity study in the rat (racemate, D- isomer) █ █ Not GLP Not published ⇒Previously submitted, data relied upon | | | | P Task Force | |
| IIA. 5.3 | █ █ █ █ █ █ █ | 1985 | Report on the study of the toxicity of MCPP in rats after 3 months administration in the diet. █ █ GLP: N Published: N | Y | N | - | BAS | DAR (1998) |
| IIA. 5.3 | █ █ █ █ █ █ | 1978 | Mecoprop supplementary 3-month oral toxicity study in rats. █ █ █ GLP: N Published: N | Y | N | - | BAS | DAR (1998) |
| IIA. 5.3 IIA. 5.8 | Moeller, T., Solecki, R | 1989 | Pathomorpholo gische und hämatologische Untersuchunge n zur Immunotoxici tät der Phenoxyalkans äure mecoprop an Ratten. Zeitschrift für die gesamte Hygiene und ihre | Y | N | - | Public | DAR (1998) |

| 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 |
|--------------|--------------------------------------|------|--|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | <i>Grenzgebiete 35: 258-260 GLP: N Published: Y</i> | | | | | |
| KCA 5.3.2 | ██████ ██████ | 1993 | <i>Report on the study of the Oral Toxicity in BG6C3F1 Mice Administration in the diet for 3 months ██████ █ ██████ ██████ GLP Not published ⇒Previously submitted, data relied upon</i> | Y | N | | MCPP- P Task Force | DAR (1998) |
| IIA. 5.3 | ██████ ██████ ██████ ██████ | 1979 | <i>Subchronic (13-week) oral toxicity study with mecoprop (MCPP) in beagle dogs. ██████ ██████ ██████ Published: N</i> | Y | N | - | MCPP- P Task Force | DAR (1998) |
| KCA 5.3.3 | ██████ ██████ | 1993 | <i>Twenty-one day dermal toxicity study in the rabbit with MCPP-P acid ██████ ██████ ██████ GLP Not published ⇒Previously submitted, data relied</i> | Y | N | | MCPP- P Task Force | DAR (1998) |

| 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 |
|----------------------|---|-------------|---|----------------------------|--------------------------------------|--|-----------------------------------|------------------------|
| | | | <i>upon</i> | | | | | |
| <i>IIA. 5.4</i> | <i>Shirasu, Y., Moriya, M., Kato, K., Furuhashi, A., Kada, T.</i> | <i>1976</i> | <i>Mutagenicity screening of pesticides in the microbial system. Mutation Research 40: 19-30 (1967) GLP: N Published: Y</i> | <i>Y</i> | <i>N</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.4</i> | <i>Shirasu, Y., Moriya, M., Tezuka, H., Teramoto, S., Ohta, T., Inoue, T.</i> | <i>1982</i> | <i>Mutagenicity screening studies on pesticides. Environ. Mutagen. Carcinog. Proc., 3rd Int. conf., 331-335 (1982) GLP: N Published: Y</i> | <i>Y</i> | <i>N</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |
| <i>KCA 5.4.1</i> | ██████████ ██████████ | <i>1993</i> | <i>Chinese hamster ovary/HGPRT locus MCPP-P acid ██████████ ██████████ ██████████ GLP Not published ⇒Previously submitted, data relied upon</i> | <i>Y</i> | <i>N</i> | | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |
| <i>KCA 5.4.1</i> | ██████████ ██████████ | <i>1990</i> | <i>In vitro assessment of the clastogenic activity of mecoprop-P in cultured human lymphocyte ██████████</i> | <i>Y</i> | <i>N</i> | | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |

| 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 |
|--------------|--|------|--|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | 03 Life Science Research Ltd GLP Not published ⇒Previously submitted, data relied upon | | | | | |
| IIA. 5.4 | Zeller, H., Engelhardt, G. | 1981 | Report on the study of 2-(4- chloro-2- methylphenoxy) propionic acid (MCPP) in the Ames test. BASF. No report number. GLP: N Published: N | N | N | - | NUF | DAR (1998) |
| KCA 5.4.1 | ██████████ ██████████ ██████████ ██████████ | 1984 | Report on the study of MCPP (D-form), Ames test ██████████ ██████████ ██████████ ██████████ Not GLP Not published ⇒Previously submitted, data relied upon | Y | N | | MCPP- P Task Force | DAR (1998) |
| KCA 5.4.1 | ██████████ ██████████ ██████████ ██████████ | 1994 | Chromosome aberration assay in human lymphocytes in vitro with mecoprop-P acid ██████████ ██████████ ██████████ GLP Not published ⇒Previously | Y | N | | MCPP- P Task Force | DAR (1998) |

| 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 |
|--------------|---|------|---|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | <i>submitted, data relied upon</i> | | | | | |
| IIA. 5.4 | <i>Carere, A., Ortali, V.A., Cardamone , G., Torracca, A.M., Rasschetti, R.</i> | 1978 | <i>Microbiologica l mutagenicity studies of pesticides in vitro. Mutation Research 57: 277-286 (1978) GLP: N Published: Y</i> | N | N | - | Public | DAR (1998) |
| KCA 5.4.1 | <i>Jones, E.J & Christophe r, D H</i> | 1993 | <i>Ames Salmonella typhimurium bacterial reverse mutation assay on MCPP-P acid JEL 53/921060 Huntingdon Research Centre, UK GLP Not published ⇒Previously submitted, data relied upon</i> | N | N | - | MCCP- P Task Force | DAR (1998) |
| IIA. 5.4 | <i>Moriya, M., Ohta, T., Watanabe, K., Miyazawa, T., Kato, K., Shirasu, Y.</i> | 1983 | <i>Further mutagenicity studies on pesticides in bacterial reversion assay systems. Mutation Research 116: 185-216 (1983) GLP: N Published: Y</i> | N | N | - | Public | DAR (1998) |
| KCA 5.4.1 | ██████████ | 1990 | <i>Mecoprop-P: Investigation of mutagenic activity at the</i> | Y | N | | MCCP- P Task Force | DAR (1998) |

| 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 |
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| | | | <i>HGPRT locus in a Chinese hamster V79 cell mutation system</i> ██████████ ██████████ ██████████ GLP Not published ⇒Previously submitted, data relied upon | | | | | |
| <i>KCA 5.4.1</i> | ██████████ | 1990 | <i>Mecoprop-P: Assessment of mutagenic potential in histidine auxotrophs of Salmonella typhimurium (the Ames test)</i> ██████████ ██████████ ██████████ GLP Not published ⇒Previously submitted, data relied upon | Y | N | | <i>MCPP- P Task Force</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.4</i> | ██████████ ██████████ ██████████ | 1993 | <i>Ames Salmonella typhimurium bacterial reverse mutation assay on MCPP-P acid.</i> ██████████ ██████████ ██████████ ██████████ ██████████ | N | N | - | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
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| | | | <i>GLP: Y Published: N</i> | | | | | |
| <i>IIA. 5.4</i> | <i>Mersch-Sundermann, V., Dickgiesser, N., Hablitzel, U., Gruber, B.</i> | <i>1988</i> | <i>Untersuchungen zur Mutagenität organischer Mikrokontaminationen in der Umwelt. I. Mitteilung: Die Mutagenität ausgewählter Herbizide und Insektizide in Salmonella-Mikrosomentest (Ames test) unter Berücksichtigung der pathogenen Potenz kontaminierter Grund- und Trinkwasser. Zbl. Bakt. Hyg. 186: 247-260 (1988) BASF doc no: 88/10541</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>BAS NUF</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.4</i> | <i>Mersch-Sundermann, V., Hofmeister, A., Müller, G., Hof, H.</i> | <i>1989</i> | <i>Untersuchungen zur Mutagenität organischer Mikrokontaminationen in der Umwelt. III. Mitteilung: Die Mutagenität ausgewählter Herbizide und Insektizide im SOS-Chromotest. Zbl. Hyg. 189:135-146 (1989) BASF doc no: 89/10805</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>BAS NUF</i> | <i>DAR (1998)</i> |

| 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 |
|--------------|--|------|--|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| IIA. 5.4 | Andersen, K.J., Leighty, E.G., Takahashi, M.T. | 1972 | Evaluation of herbicides for possible mutagenic properties. J. Agr. Food Chem. 20: 649- 656 (1972) GLP: N Published: Y | N | - | - | Public | DAR (1998) |
| IIA. 5.4 | Bignami, M., Aulicino, F., Velcich, A., Carere, A., Morpurgo, G. | 1977 | Mutagenic and recombinogeni c action of pesticides in Aspergillus nidulans. Mutation Research 46: 395-402 (1977) GLP: N Published: Y | N | N | - | Public | DAR (1998) |
| IIA. 5.4 | Morpurgo, G., Bellincamp i, D., Gualandi, G., Baldinelli, L., Crescenzi, O.S. | 1979 | Analysis of nondisjunction with Aspergillus nidulans. Environmental Health Perspectives 31: 81-95 (1979) GLP: N Published: Y | N | N | - | Public | DAR (1998) |
| KCA 5.4.2 | ██████████ ██████████ | 1991 | Mecoprop-P: Assessment of clastogenic action on bone marrow erythrocytes in the micronucleus test ██████████ ██████████ ██████████ GLP Not published ⇒Previously | Y | N | | MCCP- P Task Force | DAR (1998) |

| 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 |
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| | | | <i>submitted, data relied upon</i> | | | | | |
| KCA 5.4.2 | ██████████ ██████████ ██████████ ██████████ | 1985a | Report on the cytogenetic investigations in Chinese hamsters after a single oral administration of MCPP; D- form - bone marrow chromosome analysis ██████████ ██████████ ██████████ ██████████ Not GLP Not published ⇒Previously submitted, data relied upon | Y | N | | MCCP- P Task Force | DAR (1998) |
| IIA. 5.4 | ██████████ ██████████ ██████████ ██████████ | 1985b | Cytogenetic investigations in Chinese hamsters after oral administration of MCPP. Bone marrow chromosome analysis. ██████████ ██████████ ██████████ GLP: N Published: N | Y | N | - | NUF | DAR (1998) |
| IIA 5.4 | ██████████ ██████████ ██████████ ██████████ | 1985c | Cytogenetic investigations in Chinese hamsters after a single oral administration of MCPP. Sister | Y | N | - | NUF | DAR (1998) |

| 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 |
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| | | | <i>chormatid exchange.</i> [REDACTED] [REDACTED] [REDACTED] GLP: N Published: N | | | | | |
| KCA 5.5.1/01 | [REDACTED] [REDACTED] | 2008 | Dietary two year carcinogenicity study in the rat [REDACTED] [REDACTED] [REDACTED] [REDACTED] GLP Not published | Y | Y | New data submission | Nufarm | Submitted for the purposes of renewal |
| <i>IIA. 5.5</i> | [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] | 1988 | <i>Study on the chronic toxicity and oncogenic potential of MCPP in rats. Administration in the diet over 24 months.</i> [REDACTED] [REDACTED] GLP: Y Published: N | Y | N | - | <i>BAS NUF</i> | <i>DAR (1998)</i> |
| KCA 5.5.1/02 | [REDACTED] [REDACTED] | 2007 | Ex-vivo enzyme analysis of liver samples taken at termination of a dietary 2 year carcinogenicity study of Mecoprop-P in the rat [REDACTED] [REDACTED] [REDACTED] [REDACTED] | Y | Y | New data submission | MCPP- P Task Force | Submitted for the purposes of renewal |

| 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 |
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| | | | <p>██████████ ██████████ ██████████ ██████████ GLP Not published</p> | | | | | |
| KCA 5.5.2 | ██████████ ██████████ | 1996 | <p><i>Mecoprop-P - Carcinogenicity study in B6C3F1/Cr1BR mice. Administration in the diet for 18 months</i></p> <p>██████████ ██████████ ██████████ Not GLP Not published ⇒Previously submitted, data relied upon</p> | Y | N | | MCCP- P Task Force | DAR (1998) |
| KCA 5.5.2 | ██████████ ██████████ | 1999 | <p><i>Mecoprop-P - Carcinogenicity study in B6C3F1/Cr1BR mice. Administration in the diet for 18 months, (supplementary study to</i></p> <p>██████████ ██████████ ██████████ ██████████ Not GLP Not published ⇒Previously submitted, data relied upon</p> | Y | N | | MCCP- P Task Force | DAR Addendum II (July 2002) |
| KCA | ██████████ | 1997 | <p><i>Mecoprop-p - Chronic Oral</i></p> | Y | N | | MCCP- P Task | DAR Addendum II |

| 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 |
|--------------|----------------------|-------|---|----------------------------|--------------------------------------|--|------------------------------------|------------------------|
| 5.5.3 | ██████ | | <i>Toxicity Study in Beagle Dogs Administration in the Diet for 12 months</i> ██████████ ██████ ██████████ ██████████ <i>Not GLP Not published ⇒Previously submitted, data relied upon</i> | | | | <i>Force</i> | <i>(July 2002)</i> |
| IIA. 5.6 | ██████ ██████ | 1980a | <i>Mecoprop oral teratogenicity study in the rat.</i> ██████████ ██████████ ██████████ ██████████ ██████ <i>GLP: N Published: N</i> | <i>Y</i> | <i>N</i> | - | <i>BAS NUF</i> | <i>DAR (1998)</i> |
| KCA 5.6.1 | ██████████ ██████ | 1992 | <i>Reproduction study with MCP P in rats. Continuous dietary administration over 2 generations (2 litters in the first and 1 litter in the second generation)</i> ██████████ █ ██████ ██████████ ██████████ <i>Not GLP Not published ⇒Previously submitted data</i> | <i>Y</i> | <i>N</i> | | <i>MCP P- P Task Force</i> | <i>DAR (1998)</i> |

| 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 5.6.1/01 | ██████ ██████ | 2003 | Mecoprop-P: oral (dietary administration) preliminary reproduction toxicity study in the rat ██████████ ██████████ ██████████ ██████████ GLP Not published | Y | N | | Nufarm | Submitted for the purposes of renewal |
| KCA 5.6.2 | ██████████ ██████ ██████████ ██████ | 1993a | <i>Study of the prenatal toxicity of Mecoprop-P in rats after oral administration (gavage)</i> ██████████ ██████ ██████████ ██████████ <i>Not GLP Not published ⇒Previously submitted, data relied upon</i> | Y | N | | MCPP- P Task Force | DAR (1998) |
| KCA 5.6.2 | ██████████ ██████ ██████████ ██████ | 1993b | <i>Study of the prenatal toxicity of Mecoprop-P in rabbits after oral administration (gavage)</i> ██████████ ██████ ██████████ ██████████ GLP Not published ⇒Previously | Y | N | | MCPP- P Task Force | DAR (1998) |

| 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 |
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| | | | <i>submitted, data relied upon</i> | | | | | |
| <i>IIA. 5.6</i> | ████ ████ | <i>1980b</i> | <i>Mecoprop oral teratogenicity study in the Dutch belted rabbit.</i> ████ ████ ████ ████ <i>NUF</i> <i>GLP: N</i> <i>Published: N</i> | <i>Y</i> | <i>N</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.6</i> | <i>Khera, K.S.</i> | <i>1984</i> | <i>Maternal toxicity - A possible factor in fetal malformations in mice.</i> <i>Teratology 29: 411-416 (1984)</i> <i>GLP: N</i> <i>Published: Y</i> | <i>Y</i> | <i>N</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.6</i> | <i>Selier, J.P.</i> | <i>1979</i> | <i>Phenoxyacids as inhibitors of testicular DNA synthesis in male mice.</i> <i>Bull Environm Contam Toxicol 21: 89-92</i> <i>GLP: N</i> <i>Published: Y</i> | <i>Y</i> | <i>N</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.6</i> | <i>Khera, K.S.</i> | <i>1985</i> | <i>Maternal toxicity: A possible etiological factor in embryo-fetal deaths and fetal malformations of rodent-rabbit species.</i> <i>Teratology 31: 120-153 (1985)</i> | <i>Y</i> | <i>N</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |

| 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 |
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| | | | <i>GLP: N</i> <i>Published: Y</i> | | | | | |
| KCA 5.6.2 | Roll R & Matthiasch k G | 1983 | <i>Vergleichende Untersuchunge n zur Embryotoxizität t von 2-Methyl- 4- chlorphenoxyes sigsäure, Mecoprop und Dichlorprop bei NMRI- Mäusen. Published in: Arzneim Forsch, 33, 1479-1483 Not GLP Published ⇒Previously submitted data</i> | Y | N | | Public | DAR (1998) |
| IIA. 5.6 | Buschmann , J., Clausing, P., Solecki, E., Fischer, B., Peetz, U. | 1986 | <i>Comparative prenatal toxicity of phenoxyacanic herbicides. Teratology 33: 11A-12A (1986) GLP: N Published: Y</i> | Y? | - | - | Public | DAR (1998) |
| KCA 5.7.1/01 | ██████████ ██████ | 1995 | Mecoprop-P: acute oral neurotoxicity study in Wistar rats ██████████ █ ██████ ██████████ GLP Not published | Y | Y | Study not previously submitted in EU, conducted for US registration applications | MCP- P Task Force | Submitted for the purposes of renewal |
| CA 5.8.1 | Original | 1980 | Report on the | Y | N | | Nufarm | Submitted |

| 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 |
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| | report by [REDACTED] [REDACTED] [REDACTED] [REDACTED] (1980) | | study of the acute oral toxicity of Mecoprop- hydroxy- metabolite (M7/173) in the rat [REDACTED] [REDACTED] [REDACTED] Not GLP; Not published. | | | | | for the purposes of renewal |
| IIA. 5.8 | Moeller, T. | 1990 | <i>Funktionelle Testung der Immuntoxizität der Phenoxyalkans äure Mecoprop an Ratten und Ausschaltung immuntoxischer Effekte durch Adrenalektomie . Zeitschrift für die gesamte Hygiene und ihre Grenzgebiete 36: 314-316 (1990) GLP: N Published: Y</i> | Y | N | - | Public | DAR (1998) |
| IIA. 5.8 | Elo, H.A., Luoma, T., Ylitalo, P. | 1991 | <i>Inhibition of human and rabbit platelet aggregation by chlorophenoxy acid herbicides. Archives of Toxicology 65: 140-144 (1991). GLP: N Published: Y</i> | Y | N | - | Public | DAR (1998) |

| 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 |
|-----------------|--|------|--|----------------------------|--------------------------------------|--|--------|---------------------------------------|
| IIA. 5.8 | Moody, D.E., Narloch, B.A., Shull, L.R., Hammock, B.D. | 1991 | <i>The effect of structurally divergent herbicides on mouse liver xenobiotic-metabolizing enzymes (P-450-dependent mono-oxygenases, epoxide hydrolases and glutathione S-transferases) and carnitine acetyltransferase. Toxicology Letters 59: 175-185 (1991). GLP: N Published: Y</i> | Y | N | - | Public | DAR (1998) |
| KCA 5.8.3/01 | CRD | 2013 | Extended impact assessment study of the human health and environmental criteria for endocrine disrupting substances proposed by HSE, CRD WRc Ref: Defra9088 Not GLP Published | N | N | | Public | - |
| CA 5.9.1/01 | White S | 2014 | Mecoprop-P Manufacturing Medical Surveillance Report Wyke_2014_051 | N | N | New data | Nufarm | Submitted for the purposes of renewal |

| 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 |
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| | | | GLP: Not relevant Published: N | | | | | |
| IIA. 5.9 | Becher, H., Wahrendorf, J., Angerer, R. | 1992 | <i>A cohort study on persons exposed to phenoxy acid herbicides and their contaminants in Germany - design and first results. Chemosphere 25: 1007-1014 (1992). GLP: N Published: Y</i> | N | N | - | Public | DAR (1998) |
| IIA. 5.9 | Bond, G.G., Roszbacher, R. | 1993 | <i>A review of potential human carcinogenicity of the chlorophenoxy herbicides MCPA, MCPP, and 2,4-D. British Journal of Industrial Medicine 50: 340-348 (1993) GLP: N Published: Y</i> | N | N | - | Public | DAR (1998) |
| IIA. 5.9 | Flanagan, R.J., Meredith, T.H., Ruprah, M., Onyon, L.J., Liddle, A. | 1990 | <i>Alkaline diuresis for acute poisoning with chlorophenoxy herbicides and ioxynil. Lancet 335: 454-458 (1990) GLP: N Published: Y</i> | Y | N | - | Public | DAR (1998) |
| IIA. 5.9 | Prescott, L.F., Park, J., Darrien, I. | 1979 | <i>Treatment of severe 2,4-D and mecoprop intoxication</i> | Y | N | - | Public | DAR (1998) |

| 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 |
|-----------------|---|-------------|--|----------------------------|--------------------------------------|--|---------------|------------------------|
| | | | <i>with alkaline diuresis. British Journal of Clinical Pharmacology 7: 111-116 (1979). GLP: N Published: Y</i> | | | | | |
| <i>IIA. 5.9</i> | <i>Meulenbelt, J., Zwaveling, J.H., van Zoonen, P., Notermans, N.C.</i> | <i>1988</i> | <i>Acute MCPP intoxication: report of two cases. Human Toxicology 7: 289-292 Not GLP Published</i> | <i>Y</i> | <i>N</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |
| <i>IIA. 5.9</i> | <i>Wiklund, K., Dich, J., Holm, J.-E.</i> | <i>1987</i> | <i>Risk of malignant lymphoma in Swedish pesticide applicators. British Journal of Cancer 56: 505-508 (1987) GLP: N Published: Y</i> | <i>Y</i> | <i>N</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |

Product: Mecoprop-P K 600 g/L

| 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 7.1.1/01 | ██████ ██████ | 1994a | Study on the acute oral toxicity of BAS 037 32 H in Rats ██████ ██████ ██████ ██████ GLP Not published | Y | N | | Nufarm | DAR (1998) |
| III.A. 7.1 | ██████ ██████ | 1985a | Report on the study of the acute oral toxicity on the rat based on OECD of Duplosan ██████ ██████ ██████ GLP: N Published: N | Y | - | - | NUF | DAR (1998) |
| III.A. 7.1 | ██████ | 1993 | Acute oral toxicity study with CL-23608- 5 in rats. ██████ ██████ ██████ ██████ GLP: N Published: N | Y | - | - | NUF | DAR (1998) |
| KCP 7.1.1/02 | ██████ | 2009 | Acute Dietary Toxicity of MCP-P in Mice ██████ ██████ GLP Not published | Y | Y | Newly submitted data | Nufarm | Submitted for the purposes of renewal |
| KCP 7.1.2/01 | ██████ ██████ | 1994b | Study on the acute dermal toxicity of BAS 037 32 H in | Y | N | | Nufarm | DAR (1998) |

| 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 |
|-----------------|--|-------|---|----------------------------|---|--|--------|--|
| | | | <i>Rats</i> [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] <i>GLP</i> <i>Not published</i> | | | | | |
| III.A. 7.1 | [REDACTED] [REDACTED] | 1985b | <i>Report on the study of the acute dermal toxicity on the rat based on OECD of Duplosan KV/BAS</i> [REDACTED] [REDACTED] [REDACTED] <i>NUF</i> <i>GLP: N</i> <i>Published: N</i> | Y | - | - | BAS | DAR (1998) |
| KCP 7.1.2/02 | [REDACTED] [REDACTED] | 2006 | Mecoprop-p K 600 Optica Acute Dermal Toxicity Limit Test in the Rat [REDACTED] [REDACTED] [REDACTED] <i>GLP</i> <i>Not published</i> | Y | Y (Used in UK national assessment – data protection expires 27/01/19) | Newly submitted data | Nufarm | Submitted for the purposes of renewal |
| KCP 7.1.3/01 | [REDACTED] [REDACTED] [REDACTED] | 1994 | <i>Study on the acute inhalation toxicity LC₅₀ of BAS 037 32 H as a liquid aerosol in rats 4 hour exposure</i> [REDACTED] [REDACTED] [REDACTED] [REDACTED] <i>GLP</i> <i>Not published</i> | Y | N (However used in UK national assessment – data protection expires 27/01/19) | | Nufarm | DAR (1998) |
| III.A. 7.1 | [REDACTED] | 1985 | Report on the | Y | - | - | BAS | DAR (1998) |

| 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 |
|-----------------|--|-------|--|----------------------------|--------------------------------------|--|--------|------------------------|
| | ██████████ ██████████ ██████████ ██████████ | | study of the acute inhalation toxicity LC ₅₀ 4 hours (rat)/ liquid aerosol study of Duplosan KV ██████████ ██████████ ██████████ GLP: N Published: N | | | | | |
| III.A. 7.1 | ██████████ ██████████ | 1984a | Report on the study of the acute dermal irritation/ corrosivity to the intact dorsal skin of the white rabbit based on ██████████ ██████████ ██████████ ██████████ GLP: Y Published: N | Y | N | - | BAS | DAR (1998) |
| KCP 7.1.4/01 | ██████████ ██████████ ██████████ | 1994a | Study on the acute dermal irritation/corrosi on of BAS 037 32 H in the Rabbit ██████████ ██████████ ██████████ GLP Not published | Y | N | | Nufarm | DAR (1998) |
| III.A. 7.1 | ██████████ ██████████ ██████████ | 1983 | Report on the study of the irritation to the eye of the white rabbit based on Draize of U 46 KV-fluid (BAS 037 14 H) dated Dec. 28, 1983. ██████████ | Y | N | - | NUF | DAR (1998) |

| 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 |
|-----------------|-------------------------------|-------|---|----------------------------|---|--|--------|---|
| | | | ██████████ GLP: N Published: N | | | | | |
| III.A. 7.1 | ██████████ ██████████ | 1984b | Report on the study of the acute irritation to the eye of the white rabbit based on ██████████ ██████████ ██████████ ██████████ GLP: Y Published: N | Y | N | - | BAS | DAR (1998) |
| III.A. 7.1 | ██████████ ██████████ | 1984c | Report on the study of the irritation to the eye of the white rabbit based on Draize of an 1.6% aqueous solution of U 46 KV-fluid (DMA-salt of CMPP) dated July 24, 1984. ██████████ ██████████ GLP: N Published: N | Y | - | - | NUF | DAR (1998) |
| KCP 7.1.5/01 | ██████████ ██████████ █ | 1994b | Study on the acute eye irritation of BAS 037 32 H in the Rabbit ██████████ ██████████ ██████████ GLP Not published | Y | N | | Nufarm | DAR (1998) |
| KCP 7.1.5/02 | ██████████ | 1990 | Irritant Effects on Rabbit Eye of Mecoprop-p K Salt 600 g/l ██████████ ██████████ ██████████ | Y | - (Used in UK national assessment – data protection) | | Nufarm | This study was previously evaluated by the UK for the product Optica (HSE ref M09963 COP 2006/01151). |

| 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 |
|-----------------|-----------|------|--|----------------------------|--------------------------------------|--|--------|---|
| | | | █ GLP Not published | | expires 27/01/19) | | | RMS has not re-evaluated this study as the study was not submitted by the applicant. |
| KCP 7.1.5/03 | █ | 1986 | R+ CMPP/K 600 g/l: Acute Eye Irritation/ Corrosion Test in the Rabbit █ █ █ GLP Not published | Y | N | | Nufarm | |
| KCP 7.1.6/01 | █ █ | 1995 | Skin Sensitisation Test in Guinea- Pigs Modified Buehler Test: 9 applications █ █ █ █ █ █ GLP Not published | Y | N | (However used in UK national assessment – data protection expires 27/01/19) | Nufarm | DAR (1998) |
| KCP 7.1.6/02 | █ | 1998 | Optica: Skin Sensitisation Study after Magnusson and Kligman and amendment █ █ GLP Not published | Y | N | (However used in UK national assessment – data protection expires 27/01/19) | Nufarm | This study was previously submitted and evaluated by the UK for the product Optica (HSE ref M09963 COP 2006/01151). |
| KCP 7.2/01 | Bass, R V | 1999 | The Chemical and Physical Properties of Optica CMPP-p K salt solution at 600 g l ⁻¹ CMPP- p acid concentration AHM 99/0084 A H Marks, UK | N | - | (However used in UK national assessment – data protection expires | Nufarm | This study was previously submitted and evaluated by the UK for the product Optica (HSE ref M09963 COP 2006/01151). |

| 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 |
|---------------|------------|------|--|----------------------------|---|--|--------|--|
| | | | GLP Not published ⇒ CP 2.5.2 | | 27/01/19) | | | |
| KCP 7.3/01 | ████████ | 2006 | Mecoprop-p: In vitro Absorption from a Formulation through Human Epidermis ████████ GLP Not published | Y | Y (However used in UK national assessment – data protection expires 27/01/19) | Newly submitted data | Nufarm | Submitted for the purposes of renewal |
| KCP 7.3/02 | Simmons, K | 2014 | Position Paper: Determination of the dermal absorption of Mecoprop-P Wyke_2014_039 Nufarm UK Ltd Not GLP Not published | N | N | N/A | Nufarm | Submitted for the purposes of renewal |

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 |
|--|---|-------------|---|----------------------------|--------------------------------------|--|--------------------|--|
| <i>IIA 6.1 IIIA 8.1 (CA 6.1 & CA 6.2.1)</i> | <i>Cooper JLD, Jones MK, Lowdon P, Parsons R</i> | <i>1998</i> | <i>¹⁴C-mecoprop- P: Wheat Metabolism Study RPAL Study P93/169, Task Force, GLP: Y Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA 6.1 IIIA 8.1</i> | <i>Keller W, Otto S</i> | <i>1979</i> | <i>Duplosan KV (BAS 03729 H); Investiga- tion into the metabolism of mecoprop in winter wheat Report BASF 1611b Task Force, Reg.Doc. # BASF 79/0150 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS NUF</i> | <i>DAR (1998)</i> |
| <i>IIA 6.3 IIIA 8.1 (CA 6.1)</i> | <i>Perny,A.</i> | <i>2002</i> | <i>Storage Stability of Mecoprop-P Residues in Cereals Final Report No. A0128, 2002 AHMARKS Study No. AHMR 00141 ANADIAG, 67500 Haguenau France GLP: Y Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR Addendum II (July 2002)</i> |
| <i>KCA 6.1/01</i> |  | <i>2013</i> | <i>Mecoprop-P livestock feeding study: magnitude of</i> | <i>Y</i> | <i>Y</i> | <i>New data submitted</i> | <i>Nufarm</i> | <i>Submitted for the purposes of renewal</i> |

| 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 |
|-----------------------|------------|------|---|----------------------------|--------------------------------------|--|--------|--|
| | | | residue in milk, muscle, liver, kidney and fat of lactating dairy cattle ██████████ ██████████ GLP Not published | | | | | |
| KCA 6.1/02 | ██████████ | 2014 | Frozen Storage Stability Study for Mecoprop- P, HMCPP, CCPP and PCOC in Bovine Specimens ██████████ ██████████ GLP Not published | Y | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCA 6.1/03 | Anding, C | 2001 | Stability study of Mecoprop-P in soft winter wheat (grain, straw and green plant) after a nineteen months storage in a congelator at a temperature under minus 18°C AVE/00-033 Defitraces GLP Not published | N | Y | Submitted to UK CRD for COP2011/003 79? | Nufarm | |
| (IIA 6.2 IIIA 8.1) | ██████████ | 1997 | ¹⁴ C-Mecoprop- P: Absorption, distribution, metabolism and excretion in the rat ██████████ ██████████ | Y | Y (but expired) | - | BAS | DAR (1998) |

| 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 |
|--|--|------|---|----------------------------|--------------------------------------|--|--------|-----------------------------------|
| | | | <i>Ltd, Report No.</i> ██████████ ██████████ ██████████ ██████████ <i>GLP: Y</i> <i>Published: N</i> | | | | | |
| IIA 6.2 IIIA 8.1 | Clark Donald et al | 1975 | <i>Residues of Chlorophenoxy Acid Herbicides and Their Phenolic Metabolites in Tissues of Sheep and Cattle J. Agric. and Food Chem. 23, 573-78, 1975 Published literature</i> | Y | N | - | Public | DAR (1998) |
| IIA 6.2 IIIA 8.1 | Erne K | 1966 | <i>Distribution and elimination of chlorinated phenoxy acids in animals Acta vet. scand. 7, 240-256, 1966 Published literature</i> | Y | N | - | Public | DAR (1998) |
| IIA 6.2 IIIA 8.1 (CA 6.1 & CA 6.2.3) | ██████████ ██████████ ██████████ ██████████ | 2001 | <i>The Distribution and Metabolism 14C- Mecoprop-P in the Lactating Goat.</i> ██████████ ██████████ ██████████ ██████████ ██████████ <i>MCCP-P (1988) Task Force, c/o</i> | Y | Y (but expired?) | - | BAS | DAR Addendum II (July 2002) |

| 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 |
|---------------------|---------------------------------------|------|--|----------------------------|--------------------------------------|--|------------|--|
| | | | <i>BASF, Limburgerhof, Germany. BASF DocID 2001/1017222. GLP: Y Published: N</i> | | | | | |
| IIA 6.2 | ██████ ██████ ██████ | 2004 | The distribution and metabolism of [¹⁴ C]-CCPA in the lactating goat ██████ ██████ No. 204941 GLP: Y Published: N | Y | - | | Nufarm | Not previously evaluated. Will be fully evaluated at renewal of MCPA. This is a brief evaluation to determine if it is fit for purpose to act as supporting information. |
| IIA 6.2 IIIA 8.1 | Leng ML | 1972 | <i>Residues in milk and meat and safety to livestock from the use of phenoxy herbicides in pastures and range land Down to Earth, 28 (1), 12-20, 1972 Published literature GLP: N Published: Y</i> | ? | N | - | Public | DAR (1998) |
| IIA 6.2 IIIA 8.1 | Loos M (Kearney and Kaufman) | 1972 | <i>Herbicides: Chemistry, degradation and mode of action Reg.Doc. # BASF 72/10123 Published literature</i> | N | - | - | BAS NUF | DAR (1998) |

| 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 |
|-----------------------------------|-------------------------------|-------------|--|----------------------------|--------------------------------------|--|---------------|------------------------|
| | | | <i>GLP: N</i> <i>Published: Y</i> | | | | | |
| <i>IIA 6.2</i> <i>IIIA 8.1</i> | <i>Regenstein</i> <i>H</i> | <i>1992</i> | <i>Stellungnahme</i> <i>:</i> <i>Zusammenfassende</i> <i>Darstellung</i> <i>und Bewertung</i> <i>von Tierfüt-</i> <i>terungsstudien</i> <i>mit den Wuchs-</i> <i>stoffen 2,4-D,</i> <i>MCPA,</i> <i>mecoprop, und</i> <i>dichlorprop-P</i> <i>APS/RP - Li</i> <i>556</i> <i>Task Force,</i> <i>Reg.Doc. #</i> <i>BASF 92/10665</i> <i>GLP: N</i> <i>Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>KCA</i> <i>6.2.5</i> | ██████████ ██████ | <i>1986</i> | <i>Accumulation</i> <i>and</i> <i>elimination of</i> <i>¹⁴C-MCPP by</i> <i>Bluegill sunfish</i> <i>in a dynamic</i> <i>flow through</i> <i>system</i> ██████████ ██████ ██████████ ██████████ <i>GLP</i> <i>Not published</i> <i>⇒Previously</i> <i>submitted</i> | <i>Y</i> | <i>N</i> | | <i>Nufarm</i> | <i>DAR (1998)</i> |
| <i>IIA 6.3</i> <i>IIIA 8.2</i> | <i>Anonymou</i> <i>s</i> | | <i>Different years</i> <i>Supervised</i> <i>trials in barley</i> <i>with</i> <i>mecoprop-P</i> <i>SCC project</i> <i>116-013 6(1)</i> <i>Report No 037</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|---------------------|------------------------------|------|--|----------------------------|--------------------------------------|--|-------|------------------------|
| | | | <p>29 H: 84/23 E, 1985 84/22 E, 1985 84/21 E, 1985 84/20 E, 1985 85/02 E, 1985 85/01 E, 1985 84/01 E, 1984 89/04 E, 1990 89/03 E, 1990 84/15 E, 1985 84/14 E, 1985 84/13 E, 1985 84/12 E, 1985 84/11 E, 1985 84/10 E, 1985 84/09 E, 1985 84/08 E, 1985 84/07 E, 1985 84/06 E, 1985 84/05 E, 1985 GLP: N Published: N</p> | | | | | |
| IIA 6.3 IIIA 8.2 | Anonymous | 1986 | <p>Supervised trials in oats with meco- prop-P SCC project 116-013 6(1) Report No 037 29 H: 85/18 E 85/17 E Task Force, Reg. Doc. # BASF 94/1- 1720 GLP: N Published: N</p> | N | - | - | BAS | DAR (1998) |
| IIA 6.3 IIIA 8.2 | Laurent M, Chabarsol Y | 1979 | <p>Supervised trials in oats with mecoprop- P</p> | N | - | - | BAS | DAR (1998) |

| 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 |
|-----------------------------|-----------------------|-------------|---|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | <i>Scientific Consulting Company Report No AGR: RP/RD/CNG- An No 3728 RP/RD/CNG- An No 3759 Task Force, Reg. Doc. # BASF 95/10139. GLP: N Published: N</i> | | | | | |
| <i>IIA 6.3 IIIA 8.2</i> | <i>Anonymou s</i> | <i>1986</i> | <i>Supervised trials in rye with meco- prop-P SCC project 116-013 6(1) Report No 037 29 H: 85/16 E 85/15 E Task Force, Reg. Doc. # BASF 94/1- 1720 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA 6.3 IIIA 8.2</i> | <i>Muller RM</i> | | <i>Different years Supervised trials in rye grass with mecoprop-P Scientific Consulting Company No. 94 15243: 3 trials on different plaes, 1994 No. 9317301: 3 trials on different places, 1993</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|---------------------|-----------|------|---|----------------------------|--------------------------------------|--|-------|------------------------|
| | | | No. 92 16045: 4 trials on different places, 1992 No. 9216011: 4 trials on different places, 1992 Task Force, Reg. Doc. # BASF 95/10139. GLP: N Published: N | | | | | |
| IIA 6.3 IIIA 8.2 | Anonymous | | Different years Supervised trials in wheat with mecoprop- P SCC project 116-013 6(1) Report No 037 29 H: 84/19 E, 1985 84/19 E, 1985 84/17 E, 1985 84/16 E, 1985 84/03 E, 1984 84/02 E, 1984 85/14 E, 1986 85/13 E, 1986 85/12 E, 1986 85/11 E, 1986 85/06 E, 1986 85/05 E, 1986 85/04 E, 1986 85/03 E, 1986 89/02 E, 1990 89/01 E, 1990 Task Force, Reg. Doc. # BASF 94/11720 GLP: N Published: N | N | - | - | BAS | DAR (1998) |
| IIA 6.3 IIIA 8.2 | Anonymous | 1988 | Supervised trials in barley with mecoprop-P | N | - | - | BAS | DAR (1998) |

| 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 |
|---------------------|-----------|------|--|----------------------------|--------------------------------------|--|-------|------------------------|
| | | | <p>SCC project 116-013-6 (3) Kenn-No. 03950-00-00 Trial: Germany, Bayern Trial: Germany, Bayern Task Force, Reg. Doc. # BASF 94/11719 GLP: N Published: N</p> | | | | | |
| IIA 6.3 IIIA 8.2 | Anonymous | 1988 | <p>Supervised trials in rye with meco- prop-P SCC project 116-013-6 (3) Kenn-No. 03950-00-00 Trial: Nordrhein, Westfalen Trial: Nordrhein, Westfalen Trial: Nordrhein, Westfalen Task Force, Reg. Doc. # BASF 94/11719 GLP: N Published: N</p> | N | - | - | BAS | DAR (1998) |
| IIA 6.3 IIIA 8.2 | Anonymous | 1988 | <p>Supervised trials in wheat with mecoprop- P SCC project 116-013-6 (3) Kenn-No.</p> | N | - | - | BAS | DAR (1998) |

| 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 |
|---------------------|-----------|------|--|----------------------------|--------------------------------------|--|-------|------------------------|
| | | | 03950-00-00 Trial: Herford- Elverdissen Trial: Niedersachsen Trial: Rheinland- Pfalz Trial: Rheinland- Pfalz Task Force, Reg. Doc. # BASF 94/11719 GLP: N Published: N | | | | | |
| IIA 6.3 IIIA 8.2 | Anonymous | 1995 | Rhone-Poulenc Agrochimie GmbH, AGR 44080 H, AGR 44040 H, ROP 34580 H, ROP 34590 H, EXP 30007, EXP 04415 Residue data summary from supervised tri- als-mecoprop- P Scientific Consulting Company Task Force, Reg. Doc. # BASF 95/10139. GLP: N Published: N | N | - | - | BAS | DAR (1998) |
| IIA 6.3 IIIA 8.2 | Anonymous | 1987 | Supervised trials in barley with mecoprop- P Scientific Consulting Company Report No: AGR 03642 | N | - | - | BAS | DAR (1998) |

| 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 |
|-----------------------------|-----------------------|-------------|---|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | <i>AGR 03646 Task Force, Reg. Doc. # BASF 95/10139. GLP: N Published: N</i> | | | | | |
| <i>IIA 6.3 IIIA 8.2</i> | <i>Anonymou s</i> | <i>1987</i> | <i>Supervised trials in wheat with mecoprop- P Scientific Consulting Company Report No AGR: D.Ag.1157, Rheinland Pfalz D.Ag.1157, Niedersachsen D.Ag.1157, Bayern AGRO 3648, Schleswig- Holstein Task Force, Reg. Doc. # BASF 95/10139. GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA 6.3 IIIA 8.2</i> | <i>Bleif J</i> | <i>1994</i> | <i>Duplosan KV (BAS 037 29 H); Residue data summary from supervised trials- mecoprop-P Scientific Consulting Company, SCC project 116-013 6(1) Task Force, Reg. Doc. # BASF 94/11720 GLP: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|------------------------------|-----------------------------------|---|--|----------------------------|--------------------------------------|--|------------|--|
| | | | <i>Published: N</i> | | | | | |
| IIA 6.3 IIIA 8.2 | <i>Bleif J</i> | | <i>Marks Optica MP (AHM 20881-H-O- SL); Residue data summary from supervised trials- mecoprop-P Scientific Consulting Company, SCC project 116- 013-6 (3) Task Force, Reg. Doc. # BASF 94/11719. GLP: N Published: N</i> | <i>N</i> | - | - | <i>BAS</i> | <i>DAR (1998)</i> |
| IIA 6.3 IIIA 8.2 | <i>Pfarl C</i> | <i>1994</i> | <i>Residues of 2,4- D and MCPP in cereals and grass treated with 4.01 Dicopur U 46 KV neu/ha Agrolinz Report No 1204 Nufarm UK Limited GLP: Y Published: N</i> | <i>N</i> | - | - | <i>NUF</i> | <i>DAR (1998)</i> |
| KCA 6.3.1/01 6.3.1/01A | Old, J & Duncan, P Doig, A. | 2001 2011 (amen dment) | Residue decline of Mecoprop-P potassium salt in cereals in Southern Europe. Report and amendment 1 19513/ 397315 (AHM R 00 115) Charles River (previously | <i>N</i> | <i>Y</i> (for amend- ment) | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 |
|-----------------|------------------|-------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | <i>Inveresk Research</i>) UK GLP Not published | | | | | |
| KCA 6.3.1/02 | Perny, A. | 2002a | Residue decline of Mecoprop-P potassium salt in cereals in Southern Europe R A0119 (AHM R 00 126) Anadiag GLP Not published | N | N | N/A | Nufarm | Submitted for the purposes of renewal |
| KCA 6.3.1/03 | Wardman, J.P. | 2002a | Optica residue decline of Mecoprop-P in cereals in Southern Europe 20472/ 680333 (AHM R 01 115F) Inveresk Research GLP Not published | N | N | N/A | Nufarm | Submitted for the purposes of renewal |
| KCA 6.3.1/04 | Gallais, C. | 2002a | Residue decline of Mecoprop-P potassium salt in cereals in Southern Europe R A1135 (AHM R 01 115A) Anadiag GLP Not published | N | N | N/A | Nufarm | Submitted for the purposes of renewal |
| KCA 6.3.1/05 | Tandy, R. | 2014a | Determination of residues of | N | Y | New data submitted | Nufarm | Submitted for the |

| 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 |
|-----------------|---|-------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | Mecoprop-P after a single application of Mecoprop-p K 600 in cereals at 4 sites in Northern Europe 2013 S13-00323 Eurofins Agroscience Services GLP Not published | | | | | purposes of renewal |
| KCA 6.3.2/01 | Beck, J.; Fegert, A.; Mackenrot h, Ch. | 1997a | Study on the residue behaviour of Mecoprop-P in grass after two treatments with Duplosan® (BAS 037 32 H) under field conditions in Great Britain, 1996 UK/HR/01/96 (97/11287) BASF Aktiengesellsc haft GLP Not published | N | N | | Nufarm | Submitted for the purposes of renewal |
| KCA 6.3.2/02 | Beck, J.; Fegert, A.; Mackenrot h, Ch. | 1997b | Study on the residue behaviour of Mecoprop-P in grass after treatment with Duplosan® (BAS 037 32 H) under field conditions in Great Britain, 1997 UK/HR/01/97 (97/11289) | N | N | | Nufarm | Submitted for the purposes of renewal |

| 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 |
|-----------------|--------------------|------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | BASF Aktiengesellsc haft GLP Not published | | | | | |
| KCA 6.3.2/03 | Wilson, A. | 2008 | Mecoprop-P residue study (at harvest and decline) with Duplosan KV (600 g/L Mecoprop-P) applied to grassland in Germany and United Kingdom, 2007 ACI07-005 Agrochemex International Ltd GLP Not published | N | N | | Nufarm | Submitted for the purposes of renewal |
| KCA 6.3.2/04 | Couldridge , C. | 2010 | Determination of Mecoprop-P residues in grassland following a single application of CMPP-P K 600 g/l AI in the United Kingdom in 2009 935-09-AHM- GRA Oxford Agricultural Trials Limited GLP Not published | N | N | | Nufarm | Submitted for the purposes of renewal |
| KCA 6.3.2/05 | Martin, J. | 2011 | Determination of residues of Mecoprop-P after one | N | N | | Nufarm | Submitted for the purposes of renewal |

| 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 |
|-----------------|--|--------------|---|----------------------------|--------------------------------------|--|---------------|--|
| | | | application of Mecoprop-P K 600 in grassland at 4 sites in the UK 2010 S10-02012 Eurofins Agroscience Services Ltd GLP Not published | | | | | |
| KCA 6.3.2/06 | Old, J.; Duncan, P.; Livingstone, K. | 2001 | Mecoprop-P potassium salt (Optica, Q121A®) Residue decline in grassland in Southern Europe: field phase 19515/ 397357 (AHM R 00 214) Charles River GLP Not published | N | N | | Nufarm | Submitted for the purposes of renewal |
| KCA 6.3.2/07 | <i>Perny, A.</i> | <i>2002b</i> | <i>Residue decline of Mecoprop-P potassium salt in grassland in Southern Europe R A0123 (AHM R 00 225) Anadiag GLP Not published</i> | <i>N</i> | <i>N</i> | | <i>Nufarm</i> | <i>DAR Addendum IV (Feb 2003)</i> |
| KCA 6.3.2/08 | Wardman, J.P. | 2002b | Optica residue decline of Mecoprop-P in grassland in Southern Europe | N | N | | Nufarm | Submitted for the purposes of renewal |

| 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 |
|-----------------|-------------|-------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | 20511 / 680354 (AHM R 01 214F) Inveresk Research GLP Not published | | | | | |
| KCA 6.3.2/09 | Gallais, C. | 2002b | Residue decline of Mecoprop-P potassium salt in grassland in Southern Europe R A1136 (AHM R 01 214A) Anadiag GLP Not published | N | N | | Nufarm | DAR Addendum IV (Feb 2003) |
| KCA 6.3.2/10 | Tandy, R. | 2014b | Determination of residues of Mecoprop-P after a single application of Mecoprop-P K 600 in grassland (outdoor) at 4 sites in Southern Europe S13-00322 Eurofins Agroscience Services GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCA 6.4.2/01 | ██████ | 2013 | Mecoprop-P livestock feeding study: magnitude of residue in milk, muscle, liver, kidney and fat of lactating dairy cattle | Y | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 |
|------------|-----------|------|--|----------------------------|--------------------------------------|--|-------|------------------------|
| | | | <p>██████████ ██████████ GLP Not published ⇒ CA 6.1/01</p> | | | | | |

Product: mecoprop-P K 600 g/L

No studies are submitted on the PPP.

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 |
|---|-------------------------|-------------|---|----------------------------|--------------------------------------|--|-----------------------------------|--|
| <i>KCA 7.1.1.1</i> | <i>Schocken, MJ</i> | <i>1997</i> | <i>MCCP-P Aerobic Soil Metabolism Springborn Laboratories Inc, USA 13565.0495.61 02.760 GLP Not published ⇒ previously submitted</i> | <i>N</i> | <i>N</i> | | <i>MCCP- P Task Force</i> | <i>In Addendum 1 to DAR (May 2000)</i> |
| <i>IIA.7.1.1. 1.1</i> | <i>Pistel F,</i> | <i>1995</i> | <i>Further calculations on degradation rates for Reg. Doc. #BASF 88/0621 (Aerobic and aerobic/anaero bic soil metabolism of ¹⁴C-mecoprop). SCC GmbH, Biebelsheim, Germany, Jan. 13, 1995 Task Force KII 7.2: Reg. Doc. No. BASF 95/10029 Task Force KIII 9.2: Reg. Doc.No. BASF 95/10029 GLP: N Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | - | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA.7.1.1. 1.1 IIA.7.1.1. 1.2 IIA.7.1.1. 2.1</i> | <i>Saxena AM,</i> | <i>1988</i> | <i>Aerobic and aerobic/anaero bic soil metabolism of ¹⁴C-mecoprop. Hazleton Lab. USA: HLA 6015-314. May</i> | <i>N</i> | - | - | <i>BAS NUF</i> | <i>DAR (1998)</i> |

| 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 |
|-------------------|------------|-------------|--|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | 4, 1988 Nufarm Task Force KII: 7.1.1.1.1/01 Task Force KII 7.1: Reg. Doc. No. BASF 88/0621 Task Force KIII 9.1: Reg. Doc. No. BASF 88/0621 GLP: Y Published: N | | | | | |
| IIA.7.1.1. 1.3 | Obrist JJ | 1989 | Amendment to final report submitted on April 20, 1987. Photodegradati on of mecoprop on soil (HLA study No. 6015- 323). March 27, 1989 . Nufarm Task Force KII: 7.1.1.1.3/01 Task Force KII 7.5: Reg. Doc. No. BASF 89/10319 GLP: Y Published: N | N | - | - | NUF BAS | DAR (1998) |
| IIA.7.1.1. 1.3 | Obrist JJ, | 1986 (d) | Photodegradati on of mecoprop on soil. Hazleton Lab. Wisconsin, Study No 6015- 323. Nufarm Task Force KII: 7.1.1.1.3/01 Task Force KII 7.3: Reg. Doc. No. BASF 86/10187 GLP: Y | N | - | - | NUF BAS | DAR (1998) |

| 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 |
|---------------------------|--|-------------|--|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | <i>Published: N</i> | | | | | |
| <i>IIA.7.1.1. 2.1</i> | <i>Anonymous</i> | <i>1984</i> | <i>Behaviour of pesticide active ingredients in the soil (Mecoprop-P, Duplosan KV) LUFÄ, Speyer, Germany. Aug. 29, 1984 Task Force KII 7.6: Reg. Doc. No. BASF 84/10052 Task Force KIII 9.3: Reg. Doc. No. BASF 84/10052 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA.7.1.1. 2.1</i> | <i>Pistel F</i> | <i>1994</i> | <i>Further calculations on degradation rates for Reg. Doc. #BASF 84/10052 SCC GmbH, Biebelsheim, Germany. Jan 5, 1994 Task Force KII 7.7: Reg. Doc. No. BASF 94/10196 Task Force KIII 9.4: Reg. Doc. No. BASF 94/10196 GLP: N Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIA.7.1.1. 2.1</i> | <i>Smith AE & Hayden BJ,</i> | <i>1981</i> | <i>Relative persistence of MCPA, MCPB and mecoprop in Saskatchewan soils, and the identification of</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |

| 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 |
|-------------------------------|-----------------|-------|--|----------------------------|--------------------------------------|--|------------------------|---|
| | | | <i>MCPA in MCPB-treated soils. Weed Research 21: 179-183. Nufarm Task Force KII: 7.1.1.2.1/02 GLP: Y Published: Y</i> | | | | | |
| IIA.7.1.1. 2.1 | Smith AE, | 1989 | <i>Degradation, fate and persistence of phenoxyalkanoi c acid herbicides in soil. Rev. Weed Sci. 4:1-24. Nufarm Task Force KII: 7.1.1.2.1/01 GLP: N Published: Y</i> | N | - | - | NUF | DAR (1998) |
| KCA 7.1.1.3/0 1 | Connor, S.R. | 1996a | MCP-P – soil photolysis study 96-1-6346 Springborn Laboratories Inc, USA GLP Not published | N | N | | MCP-P Task Force | None: submitted for the purpose of renewal |
| IIA. 7.1.1.4 IIA. 7.2.4 | Helweg A. | 1993 | <i>Degradation and adsorption of ¹⁴C- mecoprop (MCP) in surface soils and in subsoil. Influence of temperature, moisture content, sterilization and</i> | N | - | - | Public | DAR (1998) |

| 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 |
|-----------------|---|------|--|----------------------------|--------------------------------------|--|-------|------------------------|
| | | | <i>concentration on degradation. Science of the Total Environment 132: 229-241. GLP: N Published: Y</i> | | | | | |
| IIA. 7.1.1.4 | <i>Heron G, Christensen TH</i> | 1992 | <i>Degradation of the herbicide mecoprop in an aerobic aquifer determined by laboratory batch cultures. Chemosphere 24: 547-557 GLP: N Published: Y</i> | N | - | - | BAS | DAR (1998) |
| IIA. 7.1.1.4 | <i>Ludwig P, Gunkel W, Hühnerfuss H</i> | 1992 | <i>Chromatographic separation of the enantiomers of marine pollutants. Part 5: Enantioselective degradation of phenoxyacetic acid herbicides by marine microorganisms. Chemosphere 24: 1423-1429 GLP: N Published: Y</i> | N | - | - | BAS | DAR (1998) |
| IIA. 7.1.1.4 | <i>Oh KH, Tuovinen OH</i> | 1991 | <i>Bacterial degradation of phenoxy herbicide mixtures 2,4-D and MCPP. Bull. Environ. Contam. Toxicol. 47: 222-229</i> | N | - | - | BAS | DAR (1998) |

| 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 |
|-------------------------|---|------|--|----------------------------|--------------------------------------|--|--------|---|
| | | | (BASF Reg. Doc. 91/11684) GLP: N Published: Y | | | | | |
| IIA. 7.1.1.4 | Tett VA, et al. | 1994 | Enantioselectiv e degradation of the herbicide mecoprop (2- (2-methyl-4- chlorophenoxy) -propionic acid) by mixed and pure bacterial cultures. FEMS Microbiol. Ecol. 14: 191- 199. GLP: N Published: Y | N | - | - | BAS | DAR (1998) |
| IIA. 7.1.1.4 | Brehmer AC, Brüsch W, Felding G, Fomsgaard I, Helweg A, Jacobsen OS, Jørgensen P, Kristensen H, Marcher S, Mogensen BB, Odgaard P, Spliid NH | 1996 | Phenoxytyrer: Vurdering af risiko for grundvand. (Phenoxyherbic ides: Evaluation of the risk for groundwater contamination - In Danish) Bekæmpelsesmi ddelforskning fra Miljøstyrelsen Nr. 18. Danish Environmental Protection Agency GLP: N Published: Y | N | - | - | Public | DAR (1998) |
| KCA 7.1.2.1.1/ 01 | Hazlerigg, C., Garratt, J | 2015 | A kinetic analysis of the degradation of mecoprop-P and its | N | Y | New data submitted | Nufarm | None: Submitted for the purposes of renewal |

| 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 |
|-------------------------|-------------------------------|-----------------|--|----------------------------|--|--|--------------------------|------------------------------------|
| | | | metabolites in aerobic soils as well as via photolysis in soil and water E2015-11 Enviresearch Not GLP Not published | | | | | |
| <i>IIA. 7.1.2</i> | <i>Matla YA & Vonk JW</i> | <i>1993</i> | <i>Adsorption of mecoprop-P to soil particles in three soil types. TNO report IMW-R 93/035. Task Force KII 7.8: Reg. Doc. No. BASF 93/10223 Task Force KIII 9.5: Reg. Doc. No. BASF 93/10223 GLP: Y Published: N</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>MCCP-P Task Force</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.1.2</i> | <i>Obrist JJ,</i> | <i>1986 (e)</i> | <i>Adsorption/desorption of mecoprop on representative agricultural soils. Hazleton Laboratories America, Study No. HLA 6015-324, Aug 14, 1986 Nufarm Task Force KII: 7.1.2/01 GLP: Y Published: N</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>MCCP-P Task Force</i> | <i>DAR (1998)</i> |
| <i>KCA 7.1.2.1.1/02</i> | <i>Hauck, G.T.</i> | <i>2003</i> | <i>Standardisation of laboratory half-lives of BAS 037 H – Mecoprop-P to</i> | <i>N</i> | <i>N</i> <i>(Used in UK national assessment –</i> | | <i>MCCP-P Task Force</i> | <i>DAR Addendum V (March 2003)</i> |

| 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 |
|------------------|--------------------------------|------|---|----------------------------|--|--|------------------------|---|
| | | | <i>reference conditions according to the recommendations of FOCUS CALC-431 BASF Aktiengesellschaft Not GLP Not published ⇒ previously submitted</i> | | <i>data protection expires 27/01/19)</i> | | | |
| KCA 7.1.2.1.1 | Schocken, M J | 1997 | MCP-P Aerobic Soil Metabolism Springborn Laboratories Inc. USA 13565.0495.61 02.760 GLP Not published ⇒ previously submitted (CA 7.1.1.1) | N | N | | MCP-P Task Force | DAR (1998) and DAR Addendum I (2000) |
| KCA 7.1.2.1.1 | Smith, A E & Hayden, B J | 1981 | Relative persistence of MCPA, MCPB and mecoprop in Saskatchewan soils, and the identification of MCPA in MCPB-treated soils. Weed Research 21: 179-183 Not GLP Published ⇒ previously submitted | N | N | | Public | |
| KCA 7.1.2.1.1 | Smith, A E | 1989 | Degradation, fate and persistence of | N | N | | 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 |
|-------------------------|------------------------------|-------|---|----------------------------|--------------------------------------|--|--------------------------|---|
| | | | phenoxyalkanoic acid herbicides in soil. Rev. Weed Sci. 4:1-24. Not GLP Published ⇒ previously submitted | | | | | |
| KCA 7.1.3.1.1/ 01 | Simmonds, M. | 2010 | [¹⁴ C]- Mecoprop-P: adsorption to and desorption from four soils QC/09/001 Battelle UK Ltd GLP Not published ⇒ previously submitted | N | Y | New data submitted | Nufarm | None: submitted for the purpose of renewal |
| KCA 7.1.3.1.1 | Matla, Y A & Vonk, J W | 1993 | Adsorption of Mecoprop-P to soil particles in three soil types IMW-R 93/035 TNO, Netherlands GLP Not published ⇒ previously submitted | N | N | | MCCP- P Task Force | DAR (1998) |
| KCA 7.1.3.1.1 | Obrist, J J | 1986e | Adsorption/des orption of Mecoprop on representative agricultural soils HLA 6015-324 Hazleton Laboratories America GLP Not published ⇒ previously | N | N | | MCCP- P Task Force | DAR (1998) |

| 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 |
|-------------------------|-------------------|---------------------|--|----------------------------|--------------------------------------|--|--------------------|------------------------|
| | | | <i>submitted</i> | | | | | |
| <i>IIA. 7.1.3.1</i> | <i>Obrist JJ,</i> | <i>1986 (b)</i> | <i>Determination of the mobility of mecoprop in selected soils by soil thin layer chromatograph y. Hazleton Lab. Am., Study No. 6015-321. June 24, 1986. Nufarm Task Force KII: 7.1.3.1/01 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.1.3.2</i> | <i>Obrist JJ,</i> | <i>1986 (c)</i> | <i>Determination of the mobility of soil-aged mecoprop residues by soil thin layer chromatograph y. Hazleton Laboratories America, Study No. 6015-322. August 15, 1986. Nufarm Task Force KII: 7.1.3.1/02 Task Force KII 7.9: Reg. Doc. No. BASF 86/10202 Task Force KIII 9.6: Reg. Doc. No. BASF 86/10202 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS NUF</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.1.3.2</i> | <i>Zohmer A</i> | <i>1990</i> | <i>Determination of the mobility of soil aged residues by soil</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS NUF</i> | <i>DAR (1998)</i> |

| 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 |
|---------------------|--------------------|-------------|---|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | <i>column leaching tests for ¹⁴C-MCPP acid. Agrolinz Lab report No.1014, Project M8813. Feb. 1990. Nufarm Task Force KII: 7.1.3.2/01 Task Force KII 7.10: Reg. Doc. No. BASF 90/0206 Task Force KIII 9.7: Reg. Doc. No. BASF 90/0206 GLP: Y Published: N</i> | | | | | |
| <i>IIA. 7.1.3.3</i> | <i>Kubiak R,</i> | <i>1991</i> | <i>Outdoor lysimeter study on ¹⁴C-mecoprop, Final report. LLFA Abt. Phytomedizin. Nov.1991 Nufarm Task Force KII 7.1.3.3/01 GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |
| <i>KCA 7.1.4.2</i> | <i>Herrchen ,M</i> | <i>1991</i> | <i>Outdoor lysimeter study on Mecoprop-P P 89-E002 (91/11211) Fraunhofer-Institut für Umweltchemie und Ökotoxikologie , Germany GLP</i> | <i>N</i> | <i>N</i> | | <i>MCCP-P Task Force</i> | <i>DAR (1998)</i> |

| 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 |
|-----------------------|-----------------------|-----------------------------|--|----------------------------|--------------------------------------|--|--------------------------|---|
| | | | <i>Not published ⇒ previously submitted</i> | | | | | |
| KCA 7.2.1.1 | <i>Anonymou s</i> | 1982 | <i>Behaviour of pesticides in water. Hydrolytical stability 82/10060 BASF Not GLP Not published ⇒ previously submitted</i> | N | N | | MCCP- P Task Force | DAR (1998) |
| KCA 7.2.1.1 | <i>Obrist, J J</i> | 1986a, 1988 & 1990 | <i>Photodegradati on and hydrolysis of mecoprop in aqueous buffer & amendments HLA 6015-320 Hazleton Laboratories America GLP Not published ⇒ previously submitted</i> | N | N | | MCCP- P Task Force | DAR (1998) |
| KCA 7.2.1.2/0 1 | Connor, S.R. | 1996b | MCPP-P – Aqueous photolysis study 96-1-6341 Springborn Laboratories Inc, USA GLP Not published | N | Y | New data submitted | MCPP- P Task Force | None: submitted for the purpose of renewal |
| KCA 7.2.1.2/0 2 | Simmons, K | 2015 | Assessment of the presence or absence of the parent toxophore in o- cresol (metabolite of | N | N | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 |
|-------------------|---------------------|-------------------|---|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | Mecoprop-P Nufarm UK Ltd Wyke_2015- 043 Not GLP Not published | | | | | |
| KCA 7.2.1.2 | Klöppfer , W | 1991 | Determination of the phototransform ation in water of Mecoprop-P according to UBA test guideline Direct phototransform ation. BE-P-49-91- PHO-02 Batelle Europe GLP Not published ⇒ previously submitted | N | N | | MCPP- P Task Force | DAR (1998) |
| KCA 7.2.1.2 | Maestracci , M | 1992 ¹ | Calculation of the environmental photolytic half- life of mecoprop-P in water 429722 Rhône-Poulenc GLP Not published ⇒ previously submitted | N | N | | MCPP- P Task Force | DAR (1998) |
| IIA.7.2.1. 3.2 | Balk F, Stroo CA | 1985 | Biodegradation of auxine herbicides in an | N | - | - | NUF | DAR (1998) |

¹ Maestracci, 1991 (year of report is incorrectly annotated in 91/414/EC Monograph/DAR references), report is dated 29 Sept 1992

| 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 |
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| | | | <i>aquatic system (CMPP). Akzo D 85/48/956a, June 4 1985. Nufarm Task Force KII: 7.2.1.3.1/02 GLP: N Published: N</i> | | | | | |
| <i>IIA.7.2.1.3.2</i> | <i>Bieber WD & Kröhn R,</i> | <i>1991</i> | <i>Degradation of mecoprop-P in aerobic aquatic environment. Natec Institut, NA 90 9688/2 Task Force KII 7.19: Reg. Doc. No. BASF 91/10994 GLP: Y Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>KCA 7.2.2.1/01</i> | <i>Feil, N.</i> | <i>2010</i> | <i>Ready biodegradability of Mecoprop-P in a manometric respirometry test 55481163 IBACON GLP Not published</i> | <i>N</i> | <i>Y</i> | <i>New data submitted</i> | <i>Nufarm</i> | <i>Submitted for the purposes of renewal</i> |
| <i>KCA 7.2.2.1</i> | <i>ten Berge, WF & Blok, J</i> | <i>1978</i> | <i>Environmental assessment of auxin herbicides No report number Akzo Research, Netherlands Not GLP Not published</i> | <i>N</i> | <i>N</i> | | <i>MCCP-P Task Force</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.2.2.1</i> | <i>Kubiak, R.</i> | <i>1994 (a)</i> | <i>Investigation of the volatilization of</i> | <i>N</i> | <i>N</i> | <i>-</i> | <i>MCCP-P Task Force</i> | <i>DAR (1998)</i> |

| 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 |
|-----------------------|------------|-------------|--|----------------------------|--------------------------------------|--|--------------------------|--|
| | | | <i>¹⁴C-MCPP-P and ¹⁴C- Bifenox formulated according to Foxtril super (RPA30535H) from plant surfaces under laboratory conditions. SLFA, FB Phytomedizin. Study No. RPA15. Sept 19, 1994. GLP: Y Published: N</i> | | | | | |
| IIA. 7.2.2.1 | Kubiak, R. | 1994 (b) | <i>Investigation of the volatilization of ¹⁴C-MCPP-P and ¹⁴C- Bifenox formulated according to Verigal D (RPA44040H) from plant surfaces under laboratory conditions. SLFA, FB Phytomedizin. Study No.: RPA14. Aug.25, 1994. Task Force KII 7.21: Reg. Doc. No. BASF 94/11252 GLP: Y Published: N</i> | N | N | - | MCCP- P Task Force | DAR (1998) |
| KCA 7.2.2.2/0 1 | Traub, M. | 2014 | Aerobic mineralisation of [¹⁴ C]Mecoprop -P in surface | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 |
|-----------------|--|-------------|--|----------------------------|--------------------------------------|--|-------------------|------------------------|
| | | | water S13-00242 Eurofins Agroscience Services GLP Not published | | | | | |
| IIA. 7.2.2.2 | Jendrejczak N, Turier G, Maestracci M | 1994 (a) | Soil surface volatilization study of MCPP-P and Bifenox formulated as EXP30535 (official German reference No. RPA30535H). GLP: Y Published: N | N | N | - | MCPP-P Task Force | DAR (1998) |
| IIA. 7.2.2.2 | Jendrejczak N, Turier G, Maestracci M, | 1994 (b) | Soil surface volatilization study of MCPP-P and Bifenox formulated as EXP04404 (official German reference No. RPA44040H). GLP: Y Published: N | N | N | - | MCPP-P Task Force | DAR (1998) |
| IIA. 7.2.2.3 | Hesse B, Fegert A & Sarafin R, | 1993 | Evaluation of the volatilization of mecoprop-P and 2,4-D after application of BAS 076 10 H under field conditions. BASF Report No. 3585. April 19, 1993. Task Force KII 7.22: Reg. Doc. No. BASF | N | N | - | MCPP-P Task Force | DAR (1998) |

| 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 |
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| | | | 93/11516. GLP: Y Published: N | | | | | |
| KCA 7.2.2.3 | Cooper, J LD & Unsworth, RH | 1996 | Mecoprop-P: Degradation in Two Water/Sedimen t Systems Rhone-Poulenc Ltd, UK P 95/123 (BASF reg Doc # 96/100348) GLP Not published | N | Y (but expired) | NA | MCPP- P Task Force | DAR Addendum II (July 2002) |
| KCA 7.2.2.3/0 1 | Hazlerigg, C. and Garrett, J. | 2014 | Kinetic analysis of Mecoprop-P degradation in water-sediment studies E2014-25 Enviresearch Not GLP Not published | N | N | New guidance | Nufarm | Submitted for the purposes of renewal |
| KCA 7.2.2.4 | Bieber WD & Kröhn R. | 1991 | Degradation of mecoprop-P in aerobic aquatic environment. NA 90 9688/2 Natec Institut, Germany GLP Not published | N | N | | MCPP- P Task Force | DAR (1998) |
| KCA 7.2.2.4/0 2 | Roohi, A. | 2014 | [14C]- Mecoprop-P: Route and rate of degradation in two water/sediment systems at 20 ± 2°C WU/14/004 Battelle UK GLP | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 |
|------------|---|------|--|----------------------------|--------------------------------------|--|--------|---------------------------------------|
| | | | Not published | | | | | |
| CA 7.2.3 | Boule, P. <i>et al</i> | 2002 | Direct phototransformation of aromatic pesticides. International Journal of Photoenergy, Vol. 4. Pages 69-78. GLP : N Published : Y | N | N | N | Public | Submitted for the purposes of renewal |
| CA 7.2.3 | Deborde, M, van Gunten, U. | 2008 | Reactions of chlorine with inorganic and organic compounds during water treatment – kinetics and mechanisms: a critical review. Water Research, Vol. 42. Pages 13-51 GLP : N Published : Y | N | N | N | Public | Submitted for the purposes of renewal |
| CA 7.2.3 | Petrie AJ, Melvin MAL, Plane NH and Littlejohn, JW. | 1993 | The effectiveness of water treatment processes for removal of herbicides. <i>The Science of the Total Environment</i> ; 135, 161-169 GLP : N Published : Y | N | N | N | Public | Submitted for the purposes of renewal |
| CA 7.2.3 | Sauer, F <i>et al</i> | 1999 | Formation of hydrogen peroxide in the ozonolysis of | N | N | N | Public | Submitted for the purposes of renewal |

| 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 |
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| | | | isoprene and simple alkenes under humid conditions. Atmospheric Environment, Vol 33, Issue 2 pages 229-241. GLP : N Published : Y | | | | | |
| CA 7.2.3 | Walters, J. | No date given | Environmental Fate of 2,4-Dichlorophenoxyacetic acid, Dept of Pesticide Regulation, Sacramento, California. GLP : N Published : Y | N | N | N | Public | Submitted for the purposes of renewal |
| CA 7.2.3 | Zipper, Ch., <i>et al</i> | 1999 | Fate of the herbicides mecoprop, dichlorprop and 2,4-D in aerobic and anaerobic sewage sludge as determined by laboratory batch studies and enantiomer-specific analysis. Biodegradation , 10, pages GLP : N Published : Y | N | N | N | Public | Submitted for the purposes of renewal |
| IIA. 7.2.3 | Atkinson, R. | 1987 | <i>A structure-activity relationship for the estimation of rate constants for the gas-phase</i> | N | - | - | MCPP-P Task Force | DAR (1998) |

| 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 |
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| | | | <i>reactions of OH radicals with organic compounds. International Journal of Chemical Kinetics 19: 799-828. Task Force KII 7.26: Reg. Doc. No. BASF 87/10829. GLP: N Published: Y</i> | | | | | |
| IIA. 7.2.3 | Atkinson, R. | 1988 | <i>Estimation of gas-phase hydroxyl radical rate constants for organic chemicals. Environmental Toxicology and Chemistry 7: 435-442 Task Force KII 7.28: Reg. Doc. No. BASF 88/10864 GLP: N Published: Y</i> | N | - | - | MCCP-P Task Force | DAR (1998) |
| IIA. 7.2.3 | Maestracci, M. | 1994 | <i>Mecoprop-P estimation of the rate of photochemical transformation in the atmosphere under tropospheric conditions. Rhône-Poulenc study 94-28, Apr. 14, 1994. Doc. 436537 Task Force KII 7.27: Reg. Doc. No. BASF</i> | N | Y (but expired) | N/A | MCCP-P Task Force | In DAR (1998) and Addendum II to DAR (july 2002). |

| 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 |
|------------|--|------|---|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | 94/11249 GLP: Y Published: N | | | | | |
| IIA. 7.2.3 | Sarafin, R. | 1991 | Photochemical oxidative degradation of mecoprop (Atkinson). BASF Report No. 3157 June 1991. Task Force KII 7.25: Reg. Doc. No. BASF 91/10327. GLP: N Published: N | N | N | - | MCCP- P Task Force | DAR (1998) |
| IIA. 7.2.4 | Helweg A, Odgaard P | 1992 | Måling af pesticidnedvask ning i lysimeterforsøg ved efterårsanvende lse af mechlorprop (K-salt) på grovsandet jord. (Leaching of autumn used ¹⁴ C-mecoprop (K-salt) in lysimeter studies - In Danish). 9. Danske Planteværnsko nference 1992. Statens Planteavlfsfø g. Report No. S-2178, p.195- 209. GLP: N Published: Y | N | - | - | Public | DAR (1998) |
| IIA. 7.2.4 | Odgaard P, Felding G, Heinrichso | 1993 | Nedvaskning af efterårsanvendt ¹⁴ C- | N | - | - | Public | DAR (1998) |

| 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 |
|------------|---------------------------|-------|---|----------------------------|--------------------------------------|--|-----------------|---|
| | <i>n K, Helweg A.</i> | | <i>mecchlorprop (ethylhexylester) i lysimeterforsøg sammenlignet med udvaskning af ¹⁴C- mecchlorprop (salt). (Leaching of autumn applied ¹⁴C-mecoprop (2-ethylhexyl ester) in lysimeter experiments compared to leaching of ¹⁴C- mecoprop (salt) - In Danish). 10. Danske Planteværnsko nference 1993. Statens Planteavlfsfor g. Report No. S-2236, p.15- 27. GLP: N Published: Y</i> | | | | | |
| KCA 7.3 | Comb, A | 2000a | Mecoprop-P (Pure Grade) Physico- Chemical Properties, Amended Final Report NUF004/99523 Huntingdon Life Sciences, UK GLP Not published ⇒ CA 2.1/01 | N | Y | New data submitted | Nufarm | None: submitted for the purpose of renewal |
| KCA 7.3 | Maestracci, M | 1994 | Mecoprop-P estimation of | N | N | | MCPP- P Task | DAR (1998) |

| 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 |
|------------|---|-------|--|----------------------------|--------------------------------------|--|--------------|---------------------------------------|
| | | | <i>the rate of photochemical transformation in the atmosphere under tropospheric conditions 94-28 Rhône-Poulenc GLP Not published ⇒ previously submitted</i> | | | | <i>Force</i> | |
| KCA 7.3 | <i>Simmons, K</i> | 2014a | Calculation of Predicted Environmental Concentrations (PEC) of Mecoprop-P in groundwater following the application to Spring and Winter Cereals using FOCUS PEARL, PELMO and MACRO Nufarm UK Ltd. NUF2014-44 Not GLP Unpublished ⇒CP 9.2.4/01 | N | Y | New guideline requirement | Nufarm | Submitted for the purposes renewal |
| KCA 7.5/01 | <i>Aldous, E., Johnson, I. & Keirle, R.</i> | 2015 | Review of monitoring and occurrence of Mecoprop-P in surface freshwater, groundwater and drinking water in Europe. UC10693.01 WRc plc, UK | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 |
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| | | | Not GLP Unpublished | | | | | |
| IIA. 7.6.2 | Danish Hydraulic Institute | 1995 | MACRO simulations of Dichlorprop leaching on two typical Danish soil types. Technical Report for Miljøstyrelsen. GLP: N Published: Y | N | - | - | RMS | DAR (1998) |
| IIA. 7.6.3 | Fielding M, Barcelo D, Helweg A, Galassi S, Torstensso n L, Van Zoonen P, Wolter R, Angeletti G | 1991 | Pesticides in ground and drinking water. Water Pollution Research Report 27. Commission of the European Communities GLP: N Published: Y | N | - | - | Public | DAR (1998) |
| IIA. 7.6.3 | GEUS | 1997 | Grundvandsove rvågning 1997. (Ground water survey 1997 - In Danish) Danmarks Geologiske Undersøgelser Danish Geological Surevy, Ministry of the Environment GLP: N Published: Y | N | - | - | RMS | DAR (1998) |
| IIA. 7.6.3 | Gomme JW, Shurvell S, Hennings SM, Clark L, | 1991 | Hydrology of pesticides in a Chalk catchment: Surface waters. Journal of the Institution of | N | - | - | RMS | DAR (1998) |

| 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 |
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| | | | <i>Water and Environmental Management 5: 546-552. GLP: N Published: Y</i> | | | | | |
| <i>IIA. 7.6.3</i> | <i>Hirvi J & Rekolainen S</i> | <i>1995</i> | <i>Pesticides in precipitation and surface water in Finland In: Helweg A (ed.) Pesticides in precipitation and surface water. TemaNord 1995:558. Nordic Council of Ministers GLP: N Published: Y</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.6.3</i> | <i>HMSO</i> | <i>1996</i> | <i>Pesticides in water. Report of "The Working Party on the Incidence of Pesticides in Water". Department of the Environment. GLP: N Published: Y</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>RMS</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.6.3</i> | <i>Kirknel E & Felding G,</i> | <i>1995</i> | <i>Analysis of selected pesticides in rain in Denmark In: Helweg A (ed.) Pesticides in precipitation and surface water.</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>RMS</i> | <i>DAR (1998)</i> |

| 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 |
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| | | | <i>TemaNord 1995:558. Nordic Council of Ministers GLP: N Published: N</i> | | | | | |
| <i>IIA. 7.6.3</i> | <i>KIWA</i> | <i>1990</i> | <i>Pesticides and the drinking water supply in the Netherlands (Hopman R, van Beek CGEM, Janssen MJ, Puijker LM). KIWA report No. 113 GLP: N Published: Y</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>RMS</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.6.3</i> | <i>Kreuger J,</i> | <i>1995</i> | <i>Pesticides in rainwater in Sweden In: Helweg A (ed.) Pesticides in precipitation and surface water. TemaNord 1995:558. Nordic Council of Ministers GLP: N Published: Y</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>Public</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.6.3</i> | <i>Leistra M, Boesten JJTI,</i> | <i>1989</i> | <i>Pesticide contamination of groundwater in Western Europe. Agriculture, Ecosystem and Environment 26: 369-38 GLP: N Published: Y</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>RMS</i> | <i>DAR (1998)</i> |
| | <i>Rekolainen</i> | <i>1989</i> | <i>Occurrence of</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>RMS</i> | <i>DAR (1998)</i> |

| 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 |
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| <i>IIA. 7.6.3</i> | <i>S,</i> | | <i>pesticides in drainage and surface water in Finland - Results and present studies. Nordic Plant Protection Conference 1989, Helsingør December 5-6. 1989 GLP: N Published: Y</i> | | | | | |
| <i>IIA. 7.6.3</i> | <i>Mogensen BB & Spliid NH,</i> | <i>1995</i> | <i>Pesticides in Danish watercourses: Occurrence and effects. Chemosphere 31(8): 3977- 3990. GLP: N Published: Y</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>RMS</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.6.3</i> | <i>Torstensson L,</i> | <i>1989</i> | <i>Bekämpningsm edel i yt-och grundvatten i Sverige. (Pesticides in surface and ground water in Sweden). Nordic Plant Protection Conference 1989, Helsingør December 5-6. 1989 GLP: N Published: Y</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>RMS</i> | <i>DAR (1998)</i> |
| <i>IIA. 7.6.3</i> | <i>Åkerblom M,</i> | <i>1988</i> | <i>On pesticides in Swedish waters. Seminar on the EEC Directive 80/778, Como,</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>RMS</i> | <i>DAR (1998)</i> |

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| | | | Nov 24-25, 1988. GLP: N Published: N | | | | | |
| IIA. 7.6.3 | Åkerblom M, | 1991 | <i>Pesticides in water - Past and future national monitoring programs in Sweden. Nordic Seminar. Pesticides in the aquatic environment - Appearance and effect. Nov.12-14, 1991, Tume Landboskole, Denmark.) GLP: N Published: Y</i> | N | - | - | RMS | DAR (1998) |
| KCA 7/01 | Buss, S.R. <i>et al.</i> | 2006 | A review of Mecoprop attenuation in the subsurface <i>Quarterly Journal of Engineering Geology and Hydrogeology, 39, 283-292</i> Non GLP Published | N | N | | Public | None: Submitted for the purpose of renewal |
| KCA 7/02 | Rodriguez- Cruz, S. <i>et al.</i> | 2010 | Biodegradation of the herbicide Mecoprop-P with soil depth and its relationship with class III <i>ifda</i> genes <i>Soil Biology & Biochemistry,</i> | N | N | | Public | None: Submitted for the purpose of renewal |

| 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 |
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| | | | 42, 32-39 Non GLP Published | | | | | |
| KCA 7/03 | <i>Nolan, B.T. et al.</i> | 2007 | Sorption of 7 weak-acid pesticides in 41 European soils: controlling factors and empirical modelling <i>XIII Symposium Pesticide Chemistry- Environmental Fate and Ecological Effects, 187- 194</i> Non GLP Published | N | N | | Public | None: Submitted for the purpose of renewal |
| KCA 7/04 | Surdyk, N. et al. | 2008 | Estimation de la mobilité dans les sols de molécules ioniques à caractère acide faible: application à l'évaluation des risques environnement aux dans le cadre de l'homologation de produits phytosanitaires BRGM/RP- 56702-FR Non GLP Published | N | N | | Public | None: Submitted for the purpose of renewal |
| KCA 7/05 | Agnieszka, A. et al. | 2013 | Phenoxyalkano ic acid herbicide sorption and | N | N | | Public | None: Submitted for the purpose of renewal |

| 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 |
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| | | | the effect of co-application in a Haplic Cambisol with contrasting management. <i>Chemosphere</i> , 90, 535-541 Non GLP Published | | | | | |
| KCA 7/06 | Idowu, I.A. et al. | 2014 | Possible source term of high concentrations of Mecoprop-p in leachate and water quality: impact of climate change, public use and disposal. <i>Environmental technology</i> , 35 (16), 2055- 2067 Non GLP Published | N | N | | Public | None: Submitted for the purpose of renewal |
| KCA 7/07 | Van Beinum, W. et al. | 2007 | The effect of soil type on pesticide leaching. <i>XIII Symposium Pesticide Chemistry- Environmental Fate and Ecological Effects</i> , 366- 373 Non GLP Published | N | N | | Public | None: Submitted for the purpose of renewal |
| KCA 7/08 | Degenhard t, D. et al. | 2011 | Dissipation of six acid herbicides in water and sediment of | N | N | | Public | None: Submitted for the purpose of renewal |

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| | | | two Canadian prairie wetlands. Environmental Toxicology and Chemistry, 30(9), 1982-1989 Non GLP Published | | | | | |
| KCA 7/09 | Loos, R. <i>et al.</i> | 2010 | Occurrence of polar organic contaminants in the dissolved water phase of the Danube River and its major tributaries using SPE-LC-MS ² analysis. <i>Water Research</i> , 44 , 2325-2335 Non GLP Published | N | N | | Public | None: Submitted for the purpose of renewal |
| KCA 7/10 | Nestorovska-Krsteska, A. <i>et al.</i> | 2008 | Determination of dimethoate, 2,4-Dichlorophenoxy acetic acid, mecoprop and linuron pesticides in environmental waters in Republic of Macedonia by High Performance Liquid Chromatography. <i>Macedonian Journal of Chemistry and Chemical</i> | N | N | | Public | None: Submitted for the purpose of renewal |

| 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 |
|-------------|----------------------------|------|---|----------------------------|--------------------------------------|--|--------|--|
| | | | <i>Engineering</i> , 27(1), 25-33 Non GLP Published | | | | | |
| KCA 7/11 | Rice, J.P <i>et al.</i> | 2010 | Pesticide transport with runoff from creeping bentgrass turf: relationship of pesticides properties to mass transport. <i>Environmental Toxicology and Chemistry</i> , 29(6), 1209- 1214 Non GLP Published | N | N | | Public | None: Submitted for the purpose of renewal |
| KCA 7/12 | Zhao, Y.Q <i>et al.</i> | 2012 | Current status of pesticides application and their residue in the water environment in Ireland <i>International Journal of Environmental</i> , 70(1), 59-72 Non GLP Published | N | N | | Public | None: Submitted for the purpose of renewal |

Product: Mecoprop-P K 600 g/L

| 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 9.1.1.1 | Hauck, G.T. | 2003 | Standardisation of laboratory half-lives of BAS 037 H – Mecoprop-P to reference conditions according to the recommendations of FOCUS CALC-431 BASF Aktiengesellschaft Not GLP Not published ⇒CA 7.1.2.1.1/01 | N | N (Used in UK national assessment – data protection expires 27/01/19) | N/A | MCPP-P Task Force | DAR Addendum V (March 2003) |
| KCP 9.1.2.1/01 | Simmonds, M. | 2010 | [¹⁴ C]-Mecoprop-P: adsorption to and desorption from four soils QC/09/001 Battelle UK Ltd GLP Not published ⇒ CA 7.1.3.1.1/01 | N | Y | New data | MCPP-P Task Force | Submitted for the purposes of renewal |
| IIIA 9.2.1 | Dipl.- Geogr. T. Hauck | 2003 | Calculation of predicted environmental concentrations of mecoprop-p in ground water on a European scale. MCPP-P (1988) Task Force c/o BASF Aktiengesellschaft | N | Y (but expired) (Used in UK national assessment – data protection expires 27/01/19) | - | BAS | DAR Addendum V (March 2003) |

| 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 |
|--------------------|---------------------------------|-------------|--|----------------------------|--------------------------------------|--|------------|--|
| | | | <i>Study code: CALC-430. GLP: n.a. Published: N</i> | | | | | |
| <i>III A 9.2.1</i> | <i>Anon</i> | <i>2003</i> | <i>Statement: Leaching potential of BAS 037 H - mecoprop-p to groundwater on a European scale. MCP-P (1988) Task Force c/o BASF Aktiengesellsch aft BASF Doc ID 2003/1005439. GLP: n.a. Published: N</i> | <i>N</i> | <i>Y (but expired)</i> | <i>-</i> | <i>BAS</i> | <i>DAR Addendum V (March 2003)</i> |
| KCP 9.2.1/01 | Traub, M. | 2014 | Aerobic mineralisation of [¹⁴ C]Mecoprop -P in surface water S13-00242 Eurofins Agroscience Services, Germany GLP Not published ⇒CA 7.2.2.2/01 | N | Y | New guideline requirement | Nufarm | Submitted for the purposes of renewal |
| KCP 9.2.1/02 | Hazlerigg, C & Garratt, J | 2014 | Kinetic analysis of Mecoprop-P degradation in water-sediment studies E2014-25 Enviresearch Not GLP | N | Y | New guideline requirement | Nufarm | Submitted for the purposes of renewal |

| 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 |
|-------------------------|--|-------------|--|----------------------------|--------------------------------------|--|-----------------------------------|--|
| | | | Not published ⇒ CA 7.2.2.4/01 | | | | | |
| KCP 9.2.1/03 | Hazlerigg, C & Garratt, J | 2014 | Kinetic analysis of Mecoprop-P degradation in water-sediment studies E2014-25 Enviresearch Not GLP Not published ⇒ CA 7.2.2.4/01 | N | Y | New guideline requirement | Nufarm | Submitted for the purposes of renewal |
| <i>KCP 9.2.2/01</i> | <i>Cooper, J L D & Unsworth, R H</i> | <i>1996</i> | <i>Mecoprop-p: Degradation in Two Water/Sedimen t Systems Rhone-Poulenc Ltd, UK P 95/123 GLP Not published ⇒ Previously submitted CA 7.2.2.4</i> | <i>N</i> | <i>N</i> | | <i>MCPP- P Task Force</i> | <i>DAR Addendum II (July 2002)</i> |
| KCP 9.2.4/01 | Simmons, K | 2014a | Calculation of Predicted Environmental Concentrations (PEC) of Mecoprop-P in groundwater following the application to Spring and Winter Cereals using FOCUS PEARL, PELMO and MACRO Nufarm UK Ltd. NUF2014-44 Not GLP | N | Y | New guideline requirement | Nufarm | Submitted for the purposes of renewal |

| 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 |
|----------------------|---------------|-------|---|----------------------------|--------------------------------------|--|--------|--|
| | | | Unpublished | | | | | |
| CP 9.2.4.1/0 2 | Simmons K | 2014b | Calculation of Predicted Environmental Concentrations (PEC) of Mecoprop-P in groundwater following application to Amenity Grassland using FOCUS PEARL, PELMO and MACRO Nufarm UK Ltd. Report number: NUF2014-45 GLP : NA Published : N | N | Y | New guideline requirement | Nufarm | Submitted for the purpose of renewal |
| KCP 9.2.4/03 | Comb. A.L. | 2000a | Mecoprop-P (pure grade) physico- chemical properties NUF004/99352 3 Huntingdon Life Sciences Ltd GLP Not published ⇒ CA 2.1/01 | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| CP 9.2.5/01 | Simmons, K | 2014c | Calculation of Predicted Environmental Concentrations (PEC) of Mecoprop-P in surface water and sediment following application to | N | Y | New guideline requirement | Nufarm | Submitted for the purpose of renewal |

| 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 |
|----------------|---------------|-------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | Spring and Winter Cereals using Step 1-2 in FOCUS Nufarm UK Ltd. NUF2014-46 Not GLP Not published | | | | | |
| CP 9.2.5/02 | Simmons, K | 2014d | Calculation of Predicted Environmental Concentrations (PEC) of Mecoprop-P in surface water and sediment following application to Amenity Grassland using Step 1-2 in FOCUS Nufarm UK Ltd. Report number: NUF2014-47 GLP : NA Published : Y | N | Y | New guideline requirement | Nufarm | Submitted for the purpose of renewal |
| CP 9.2.5/03 | Simmons, K | 2015 | Calculation of Predicted Environmental Concentrations (PEC) of Mecoprop-P and its Metabolite o- cresol in Surface Water and Sediment following Application to Spring and Winter Cereals using Step 1-2 in FOCUS and | N | Y | New guideline requirement | Nufarm | Submitted for the purposes of renewal |

| 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 |
|---------------|-----------|------|---|----------------------------|--------------------------------------|--|--------|--|
| | | | FOCUS SWASH and SWAN Nufarm UK Ltd. NUF2015-45 Not GLP Unpublished | | | | | |
| KCP 9.4/01 | Feil, N. | 2010 | Ready biodegradability of Mecoprop- P in a manometric respirometry test 55481163 IBACON GLP Not published ⇒ CA 7.2.2.1/01 | N | Y | New data | Nufarm | Submitted for the purposes of renewal |

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 |
|-------------|---------------------------------|-------------------|--|----------------------------|--------------------------------------|--|--------------------|------------------------|
| IIA. 8.1.1 | ██████ | 1986 (a) | Avian Single-dose oral LD ₅₀ of MCPPP (Mecoprop), TPH batch to the Bobwhite quail (<i>Colinus virginianus</i>). ██████ ██████ Nufarm Task Force KII 8.1.1/02 GLP: Y Published: N | Y | - | - | MCCPP-P Task Force | DAR (1998) |
| KCA 8.1.1.1 | ██████ | 1987 & 1994 | Avian single dose oral LD ₅₀ of MCPPP D-Form to the Bobwhite Quail (<i>Colinus virginianus</i>) & amendment ██████ ██████ ██████ GLP Not published ⇒ Previously submitted | Y | N | | MCCPP-P Task Force | DAR (1998) |
| KCA 8.1.1.2 | ██████ ██████ ██████ █ | 1992b | R(+) 2-(2-methyl-4-chlorophenoxy) propionic acid dimethylamine salt (MCCPP-P DMAS): 14 Day Acute Oral LD ₅₀ study in Bobwhite Quail ██████ | Y | Y (but expired) | | MCCPP-P Task Force | DAR (1998) |

| 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 |
|-----------------------|------------------|-------------|---|----------------------------|--------------------------------------|--|------------------------|--|
| | | | █ █ █ GLP Not published ⇒Previously submitted | | | | | |
| KCA 8.1.1.1/0 1 | █ █ | 1995 | Mecoprop-P acute oral toxicity (LD ₅₀) to bobwhite quail █ █ █ Ltd GLP Not published | Y | N | | Nufarm | Submitted for purpose of renewal |
| KCA 8.1.1.2 | █ █ █ █ | 1992b | <i>R(+)-2-(2- Methyl-4- chlorophenoxy) propionic acid dimethylamine salt (MCP-P DMAS): 8-Day Acute Dietary LC₅₀ Study in Bobwhite Quail</i> █ █ █ GLP Not published ⇒Previously submitted | Y | N | N/A | MCP-P Task Force | DAR (1998) |
| IIA. 8.1. | █ | 1986 (a) | <i>MCP-P: An acute oral toxicity study with the Mallard duck. Final report.</i> █ █ █ | Y | - | - | NUF | DAR (1998) |

| 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 |
|-----------------------|--------------------------------------|-------|---|----------------------------|--------------------------------------|--|--------------------------|--|
| | | | 19, 1986. Nufarm Task Force KII 8.1.1/01 GLP: Y Published: N | | | | | |
| KCA 8.1.1.2/0 1 | ████████ | 1996 | MCCP-P-DMA Salt – Avian Dietary LC ₅₀ test in chicks of the mallard duck (<i>Anas platyrhynchos</i> L.) ██████████ ██████ ██████████ █ GLP Not published ⇒ Previously submitted | Y | N | New data submitted | MCCP- P Task Force | Submitted for the purposes of renewal |
| KCA 8.1.1.3 | ████████ ██████ ██████ ████ | 1999 | Technical Mecoprop-p DMA Effects on Reproduction in Japanese Quail after Dietary Administration ████ ██████████ ██████████ ██████████ ████ GLP Not published ⇒ Previously submitted | Y | N | N/A | MCCP- P Task Force | DAR Addendum II (July 2002) |
| KCA 8.1.2 | ████████ | 1994a | Mecoprop-P: Acute Oral LD ₅₀ in the rat. ██████████ ██████████ ██████ | Y | N | | MCCP- P Task Force | DAR (1998) |

| 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 |
|-------------------|-----------|---------------------------|---|----------------------------|--------------------------------------|--|--------------------------|--|
| | | | <i>GLP</i> <i>Not published</i> <i>⇒Previously</i> <i>submitted, data</i> <i>relied upon CA</i> <i>5.2.1</i> | | | | | |
| KCA 8.1.2 | ██████ | 2009 | Acute dietary toxicity of MCCP-P in mice ██████ ██████ ██████ ██████ GLP Not published ⇒ CA 5.2.1/01 | Y | Y | New data submission | MCCP- P Task Force | Submitted for the purposes of renewal |
| KCA 8.1.2 | ██████ | 2003 | Mecoprop-P: oral (dietary administration) preliminary reproduction toxicity study in the rat ██████ ██████ ██████ GLP Not published ⇒ CA 5.6.1/01 | Y | N | | Nufarm | |
| <i>IIA. 8.1.2</i> | ██████ | <i>1986</i> <i>(b)</i> | <i>MCCP: A</i> <i>dietary LC₅₀</i> <i>study with the</i> <i>Mallard.</i> ██████ ██████ ██████ ██████ ██████ ██████ ██████ ██████ ██████ <i>GLP: Y</i> | <i>Y</i> | - | - | <i>NUF</i> <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|-------------------------|------------|---------------------|---|----------------------------|--------------------------------------|--|----------------------------------|------------------------|
| | | | <i>Published: N</i> | | | | | |
| <i>IIA. 8.1.2</i> | ██████ | <i>1986 (b)</i> | <i>Avian dietary LC₅₀ test of MCP (Mecoprop); TPH batch to the Bobwhite (Colinus virginianus). ██████ ██████ ██████ Nufarm Task Force KII 8.1.2/02 GLP: Y Published: N</i> | <i>Y</i> | <i>-</i> | <i>-</i> | <i>NUF</i> | <i>DAR (1998)</i> |
| <i>KCA 8.1.5/01</i> | <i>CRD</i> | <i>2013</i> | <i>Extended impact assessment study of the human health and environmental criteria for endocrine disrupting substances proposed by HSE, CRD WRc Ref: Defra9088 Not GLP Published</i> | <i>N</i> | <i>N</i> | | <i>Public</i> | |
| <i>KCA 8.2.1</i> | ██████ | <i>1989</i> | <i>Report on the study of the acute toxicity of mecoprop-P Bluegill (Lepomis macrochirus RAF) ██████ ██████ ██████ ██████</i> | <i>Y</i> | <i>N</i> | | <i>MCP- P Task Force</i> | <i>DAR (1998)</i> |

| 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 |
|--------------------------------|----------------------|-------------|---|----------------------------|--------------------------------------|--|-------------------------|------------------------|
| | | | GLP Not published ⇒Previously submitted – relied on | | | | | |
| IIA. 8.2.1 | ████████ | 1990 (a) | MCP (as DMA salt). 96 hour acute toxicity study (LC50) in the carp (static). ████████ ████████ ████████ ████████ 8.2.1/03 GLP: Y Published: N | Y | - | - | NUF | DAR (1998) |
| IIA. 8.2.1 | ████████ | 1990 (b) | MCP (as DMA salt). 96-hour acute toxicity study (LC50) in the rainbow trout (flow through) ████████ ██████████ ████████ ██████████ March 20, 1990 Nufarm Task Force KII 8.2.1/04 GLP: Y Published: N | Y | - | - | NUF | DAR (1998) |
| IIA 8.2.1 (IIIA.10.2 .1) | ████████ ████████ | 1992 (a) | Report on the study of the acute toxicity of mecoprop-P DMA salt on rainbow trout (<i>Oncorhynchus mykiss</i>). ████████ ██████████ ██████████████████ ████████ ██████████ ████████ Task Force KIII 10.4: Reg. Doc. | Y | Y (but expired) | - | MCP- P Task Force | DAR (1998) |

| 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 |
|-------------------|-----------|-------------|---|----------------------------|--------------------------------------|--|-------------------------|------------------------|
| | | | No. <i>BASF</i> 92/11938 GLP: Y Published: N | | | | | |
| <i>IIA. 8.2.1</i> | ██████ | 1984 (a) | Report on the study of the acute toxicity of CMPP (Mecoprop) - racemate (test substance No 83/47) to Rainbow trout (<i>Salmo gairdneri</i> Rich). ██████ ██████ Nufarm Task Force KII 8.2.1/01 GLP: Y Published: N | Y | - | - | NUF | DAR (1998) |
| <i>IIA. 8.2.1</i> | ██████ | 1984 (b) | Report on the study of the acute toxicity of CMPP (Mecoprop) - D- form (test substance 84/173) to Rainbow trout (<i>Salmo gairdneri</i> Rich). ██████ Dec. 20, 1984. Task Force KII 8.4: ██████ ██████ Task Force KIII 10.5: ██████ ██████ GLP: Y Published: N | Y | N | N/A | MCP- P Task Force | DAR (1998) |
| <i>IIA. 8.2.1</i> | ██████ | 1986 (c) | Testing for acute toxicity in fish. MCP (Meco- prop), TPH- | Y | - | - | NUF | DAR (1998) |

| 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 |
|--------------------------------|--------------------------|-------------|--|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | batch to the Bluegill sunfish (<i>Lepomis macrochirus</i>). ██████████ ██████████ ██████████ Nufarm Task Force KII 8.2.1/02 GLP: Y Published: N | | | | | |
| IIA. 8.2.1 | ██████████ | 1989 | Report on the study of the acute toxicity of mecoprop-P. Bluegill (<i>Lepomis macrochirus RAF</i>). ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ GLP: Y Published: N | Y | N | N/A | MCCP- P Task Force | DAR (1998) |
| IIA 8.2.1 (IIIA.10.2 .1) | ██████████ ██████████ | 1992 (b) | Study report. Acute toxicity study on the Bluegill (<i>Lepomis macrochirus RAF</i>) of mecoprop-P DMA salt in a static system (96 hours). ██████████ ██████████ ██████████ | Y | Y (but expired) | - | MCCP- P Task Force | DAR (1998) |

| 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 |
|-----------------------|------------|-------------|---|----------------------------|--------------------------------------|--|--------------------------|--|
| | | | ██████████ ██████████ ██████████ ██████████ GLP: Y Published: N | | | | | |
| IIA. 8.2. | ██████████ | 1990 (c) | MCPP (as DMA salt). 21-day prolonged toxicity study in the rainbow trout (flow through). ██████████ ██████████ ██████████ ██████████ ██████████ Nufarm Task Force KII 8.2.2/01 GLP: Y Published: N | Y | - | - | NUF | DAR (1998) |
| KCA 8.2.2.1/0 1 | ██████████ | 2015 | Mecoprop-P acid: toxic effects to Rainbow Trout (<i>Oncorhynchus mykiss</i>) in an ██████████ ██████████ ██████████ GLP Published | Y | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| IIA. 8.2.2 | ██████████ | 1993 | Sublethal toxic effects on the rainbow trout (<i>Oncorhynchus mykiss</i> Walb.1792) of mecoprop-P- acid in a flow through system (28 days); OECD 204. ██████████ ██████████ ██████████ | Y | N | N/A | MCPP- P Task Force | DAR (1998) |

| 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 |
|-----------------|--------------------------|------|---|----------------------------|--------------------------------------|--|--------------------------|------------------------|
| | | | ██████████ ██████████ ██████████ ██████████ GLP: Y Published: N | | | | | |
| IIA. 8.2.2.3 | ██████████ ██████████ | 1986 | Accumulation and elimination of ¹⁴ C-mecoprop by Bluegill sunfish in a dynamic flow- through system. ██████████ ██████████ ██████████ GLP: Y Published: N | Y | N | N/A | MCCP- P Task Force | DAR (1998) |
| KCA 8.2.3/01 | CRD | 2013 | Extended impact assessment study of the human health and environmental criteria for endocrine disrupting substances proposed by HSE, CRD WRc Ref: Defra9088 Not GLP Published ⇒ CA 8.1.5/01 | N | N | | Public | |
| IIA. 8.2.4 | Bell G, | 1994 | Mecoprop P. Acute toxicity to Daphnia magna. Huntingdon Research Centre Ltd., Oct.3, 1994 Task Force KII 8.9: Reg. Doc. No. BASF 447/941082 GLP: Y | N | Y (but expired) | N/A | MCCP- P Task Force | DAR (1998) |

| 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 |
|------------------------|---|--------------|---|----------------------------|--------------------------------------|--|-----------------------------------|------------------------|
| | | | <i>Published: N</i> | | | | | |
| <i>KCA 8.2.4.1</i> | <i>Elendt- Schneider, H</i> | <i>1991</i> | <i>Determination of the acute toxicity of Mecoprop-P (Reg.-Nr. 154 241) to the water flea Daphnia magna STRAUS 1/89/0280/ 50/1 BASF, Germany GLP Not published ⇒ Previously submitted – relied on</i> | <i>N</i> | <i>N</i> | <i>N/A</i> | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |
| <i>IIA. 8.2.5</i> | <i>Müllerschö n H, ⁽¹⁾</i> | <i>1990</i> | <i>Influence of MCCP (as DMA salt) on the reproduction of Daphnia magna. CCR Project No. 167703. Jan. 30, 1990 Nufarm Task Force KII 8.2.5/01 GLP: Y Published: N</i> | <i>N</i> | <i>N</i> | <i>N/A</i> | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |
| <i>KCA 8.2.5.1</i> | <i>Dohmen, G P</i> | <i>1993a</i> | <i>Effect of Mecoprop-P on the Reproduction of Daphnia magna STRAUS in a Chronic Toxicity Test P92-E117 (93/10844) BASF Aktiengesellscha ft, Germany GLP Not published ⇒ Previously submitted – relied on</i> | <i>N</i> | <i>N</i> | <i>N/A</i> | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |

| 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 | Dohmen, G P | 1993b | Effect of Mecoprop-P on the Growth of the Green Alga <i>Pseudokirchneriella subcapitata</i> P91-E119 (93/10385) BASF Aktiengesellschaft, Germany GLP Not published ⇒Previously submitted – relied on | N | N | N/A | MCCP- P Task Force | DAR (1998) |
| IIA 8.2.6 IIA 8.2.8 | Fisher K | 1999 | Establishment of Methodology for the Analysis of Mecoprop-p Dimethylamine Salt in Aquatic Toxicology Media. Toxicology Media. Inveresk Report no. 17875. Mecoprop-p Task Force, BASF Doc ID 1999/1003116 GLP: Y Published: N | N | Y (but expired) | - | BAS | DAR Addendum II (July 2002) |
| KCA 8.2.6.2 | Armstrong, K | 2000 | Mecoprop-P dimethylamine salt, Alga, growth inhibition test (72 h, EC ₅₀) (<i>Anabaena flos- aquae</i>) 17864/ 395831 (2000/100 0259) Inveresk Research, UK GLP Not published | N | N | N/A | MCCP- P Task Force | DAR Addendum II (July 2002) |

| 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 |
|-----------------------|----------------------------------|------|--|----------------------------|--------------------------------------|--|-------------------------|---|
| | | | ⇒Previously submitted – relied on | | | | | |
| KCA 8.2.6.2/0 1 | Jenkins, C.A. | 2007 | Mecoprop-P (DMA salt) algal growth inhibition assay <i>Navicula</i> ZZF0001/06312 0 Huntingdon Life Sciences Ltd GLP Not published | N | N | New data submitted | Nufarm | Submitted for the purpose of renewal |
| KCA 8.2.6.2/0 2 | Burke, J. | 2007 | Mecoprop-P (DMA salt) algal growth inhibition assay <i>Skeletonema</i> ZZF0002/06352 5 Huntingdon Life Sciences Ltd GLP Not published | N | N | New data submitted | Nufarm | Submitted for the purpose of renewal |
| KCA 8.2.7 | Caley, C Y; Kelly, C R | 1999 | Mecoprop-P dimethylamine salt <i>Lemma spp.</i> , growth inhibition test 17861/ 395286 (1999/1003 117) Inveresk Research, UK GLP Not published ⇒Previously submitted | N | N | | MCP- P Task Force | DAR Addendum II (July 2002) |
| KCA 8.2.7 | Hoberg, J, R & Witting, R. | 1992 | MCP- P DMAS – Toxicity to The Duckweed <i>Lemma gibba</i> 92-3-4174 (92/5217) Springborn Laboratories | N | N | N/A | MCP- P Task Force | DAR Addendum III (December 2002) |

| 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 |
|-----------------|--|------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | <i>Inc, USA GLP Not published ⇒Previously submitted</i> | | | | | |
| KCA 8.2.8/01 | Simmons, K | 2015 | Position Paper: Assessment of the presence or absence of the parent toxophore in o-cresol (metabolite of Mecoprop-P) Wyke_2015_04 3 Nufarm UK Ltd Not GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCA 8.2.8 | Gonsoir G | 2015 | Mecoprop-p K, 600 g/L: Growth Inhibition of <i>Myriophyllum spicatum</i> in a Water/Sediment System S13-04889 Eurofins Agroscience Services GLP Not published ⇒ CP 10.2.1/05 | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCA 8.2.8 | Seeland- Fremer, A & Mosch, W | 2015 | Toxicity of Mecoprop-p K 600 g/L to the Aquatic Plant <i>Myriophyllum spicatum</i> in a Static Growth Inhibition Test with Prior Rooting Phase 91411215 IBACON GLP | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 |
|-----------------------------|-------------------------------|------|--|----------------------------|--------------------------------------|--|--------------------------|--|
| | | | Not published ⇒ CP 10.2.1/06 | | | | | |
| KCA 8.3.1.2 | Hoxter, K A & Lynn, S P | 1991 | MCCP-P DMAS: An Acute contact toxicity study to the honeybee 147-142 Wildlife International Ltd, USA GLP Not published | N | N | | MCCP- P Task Force | DAR (1998) |
| KCA 8.3.1.1 & 8.3.1.2 | Weyman, G S | 1999 | MCCP-P DMA Acute contact and oral toxicity to honeybees 1149/24-D2145 Covance Laboratories, UK GLP Not published ⇒ Previously submitted – relied on | N | N | N/A | MCCP- P Task Force | DAR Addendum II (July 2002) |
| KCA 8.3.1.3/0 1 | Kleebaum, K | 2014 | Acute toxicity of Mecoprop-P technical acid to honeybee larvae <i>Apis mellifera</i> L. under laboratory conditions (<i>in vitro</i>) 14 10 48 023 B BioChem agrar GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCA 8.3.1.4/0 1 | Mack, P. | 2012 | LAF-74: a semi- field study to investigate residues in honeybee products and honeybee larvae (<i>Apis mellifera</i> | N | N | New data submitted | Nufarm | Submitted for purposes of renewal (Note: this study was considered for the |

| 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 |
|-------------------------------|---------------|------|--|----------------------------|--------------------------------------|--|------------|---|
| | | | <i>carnica</i> L.; Hymenoptera, Apidae) in Phacelia <i>tanacetifolia</i> in Germany in 2011 S11-02084 Eurofins Agroscience Services EcoChem GmbH GLP Not published | | | | | review of 2,4-D according to Regulation 1141/2010). |
| KCA 8.3.1.4/0 2 | Gaskell, V | 2012 | Mecoprop-p K 600 g/l – justification of dose selection in the bee brooding study Wyke_2012_02 2 Nufarm UK Ltd Not GLP Not published | N | N | | Nufarm | |
| KCA 8.3.1.4/0 3 | Franke, M | 2013 | Effects of CMPP-P K 600 g/L OAI on the honeybee <i>Apis mellifera</i> L. in a bee brood study under field conditions 12 10 48 001 B BioChem agrar GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purpose of renewal |
| IIA. 8.3.2 IIIA.10.5. 1 | Dohmen GP, | 1990 | Effects of BAS 037 01 H on the mortality of <i>Poecilus cupreus</i> . BASF report No. 2780, July 1990. Task Force KII | N | - | - | BAS NUF | DAR (1998) |

| 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 |
|----------------|--------------------|------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | 8.13: Reg. Doc. No. BASF 90/10288 Task Force KIII 10.19: Reg. Doc. No. BASF 90/10288 Nufarm Task Force KIII 10.5.1/02 GLP: Y Published: N | | | | | |
| KCA 8.3.2.1 | Stevens, J | 2014 | Mecoprop-P K 600 g/L – A rate-response laboratory bioassay of the effects of fresh residues on the parasitic wasp <i>Aphidius rhopalosiphi</i> (De Stefani- Perez) (Hymenoptera, Braconidae) NUF-14-1 Mambo-Tox Ltd, UK GLP Not published | N | Y | New guideline requirements | Nufarm | Submitted for the purposes of renewal |
| KCA 8.3.2.2 | Fallowfield , L | 2014 | Mecoprop-P K 600 g/L – A rate-response laboratory bioassay of the effects of fresh residues on the predatory mite <i>Typhlodromus pyri</i> (Acari: Phytoseiidae) NUF-14-2 Mambo-Tox Ltd, UK GLP Not published | N | Y | New guideline requirements | Nufarm | Submitted for the purposes of renewal |

| 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 8.4.1/01 | Stojanowitsch, M | 2014 | Mecoprop-P TGAI: sublethal toxicity to the earthworm <i>Eisenia fetida</i> Michaelsen (Haplotaxida, Lumbricidae) in artificial soil S13-00246 Eurofins Agroscience Services EcoChem GmbH GLP Not published | N | Y | New guideline requirements | Nufarm | Submitted for the purposes of renewal |
| KCA 8.5 | Todt, K | 1989b | <i>Effects of the plant protective agent Duplosan KV on the activity of the microflora of soil. 2. Nitrification NA 88 9662 NATEC Institute, Germany GLP Not published ⇒Previously submitted – relied on</i> | N | N | | MCCP- P Task Force | DAR (1998) |
| KCA 8.6.2 | Frank, P | 2001a | BAS 037 32 H (MCCP-P DMA 600 g/l): A toxicity test to determine the effects of the test item on the seedling emergence of terrestrial plants 70 843 (2001/1007645) BASF | N | N | N/A | MCCP- P Task Force | DAR Addendum II (July 2002) |

| 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 |
|----------------------|----------------------|--------------|--|----------------------------|--|--|---------------------------------|--|
| | | | <i>Aktiengesellschaft, Germany GLP Not published ⇒Previously submitted – relied on</i> | | | | | |
| <i>KCA 8.6.2</i> | <i>Frank, P</i> | <i>2001b</i> | <i>BAS 037 32 H (MCP-P DMA 600 g/l): A toxicity test to determine the effects of the test item on the vegetative vigour of terrestrial plants 70 845 (2001/ 1007646) BASF Aktiengesellschaft, Germany GLP Not published ⇒Previously submitted – relied on</i> | <i>N</i> | <i>N</i> <i>(Used in UK national assessment – data protection expires 27/01/19)</i> | | <i>MCP-P Task Force</i> | <i>DAR Addendum II (July 2002)</i> |
| <i>KCA 8.6.2</i> | <i>Oberwalder, C</i> | <i>2001</i> | <i>BAS 037 32 H (MCP-P DMA 600): A Toxicity Test to Determine the Effects of the Test item on Vegetative Vigor of Oilseed Rape (Brassica napus R) under Field Conditions 70 847-1 BASF Aktiengesellschaft, Germany GLP Not published ⇒Previously submitted – relied on</i> | <i>N</i> | <i>N</i> | | <i>MCP-P Task Force</i> | <i>DAR Addendum II (July 2002)</i> |

| 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 8.6.2/01 | Eley, R | 2009a | Nufarm R(+)MCCP herbicide: evaluation of the phytotoxicity and effect on seedling emergence and growth of terrestrial non target plants ACE-09-031 Agrochemex GLP Not published | N | N (Used in UK national assessment – data protection expires 27/01/19) | New data submitted | Nufarm | Submitted for the purpose of renewal |
| KCA 8.6.2/02 | Eley, R | 2009b | Nufarm R(+)MCCP herbicide: evaluation of the phytotoxicity and effect on vegetative vigour of terrestrial non target plants ACE-09-032 Agrochemex GLP Not published | N | N (Used in UK national assessment – data protection expires 27/01/19) | New data submitted | Nufarm | Submitted for the purpose of renewal |
| <i>IIA. 8.7</i> | <i>Hamm RT,</i> | <i>1987</i> | <i>Influence of mecoprop on the growth of Pseudomonas putida. BASF Report No. BASF-LR 2464, Dec 17, 1987. Task Force KII 8.21: Reg. Doc. No. BASF 87/10720. GLP: Y Published: N</i> | <i>N</i> | <i>N</i> | <i>N/A</i> | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |
| CA 8.8/01 | Falk, S | 2013 | Toxicity to microorganisms | N | Y | New data submitted | Nufarm | Submitted for the |

| 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 |
|--------------------------------|-----------------------|------|---|----------------------------|--------------------------------------|--|--------|---|
| | | | activated sludge respiration inhibition test S13-00244 Eurofins Agroscience Services EcoChem GmbH GLP Not published | | | | | purposes of renewal |
| CA Section 9 (lit. data) | Mottier <i>et al.</i> | 2014 | Effects of acute exposures to Mecoprop, Mecoprop-p and their biodegradation product (2- MCP) on the larval stages of the Pacific oyster, <i>Crassostera gigas</i> . Aquatic Toxicology, 146, 165-175 Non GLP Published | N | N | N/A | Public | Submitted for the purpose of renewal |

⁽¹⁾ Study not provided by notifier for renewal purposes so validity not confirmed by RMS. However lower endpoint reported in original DAR (1998) compared to submitted study (Dohmen, 1993a) and so study additionally utilised for risk assessment purposes.

Product: Mecoprop-P K 600 g/L

| 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 |
|------------------|--|-------------|---|----------------------------|--------------------------------------|--|--------------------------|--|
| III.A.10.2. 1 | ██████████ ██████████ ██████████ | 1993 (a) | Acute toxicity of Marks Optica MPn to rainbow trout (<i>Oncorhynchus mykiss</i>) in a flow-through test (96 hours). ██████████ ██████████ ██████████ ██████████ Task Force KIII 10.3: Reg. Doc. No. BASF 93/11626 GLP: Y Published: N | Y | - | - | MCPP- P Task Force | DAR (1998) |
| KCP 10.2.1/01 | ██████████ | 2014a | Mecoprop-p K 600 (CA3015): Acute toxicity to Rainbow Trout (<i>Oncorhynchus mykiss</i>) in a 96-Hour Test ██████████ ██████████ ██████████ Switzerland GLP Not published | Y | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| III.A.10.2. 1 | Bias R, | 1988 | Determination of the acute toxicity of Duplosan KV (BAS 037 29 H) to the waterflea <i>Daphnia magna</i> Straus. BASF Report ¼92/2/88- 492/88, May 26, 1988 | N | N | N/A | MCPP- P Task Force | DAR (1998) |

| 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 |
|------------------|---|-------------|--|----------------------------|--------------------------------------|--|--------------------------|--|
| | | | <i>Task Force KIII 10.8: Reg. Doc. No. BASF 88/10037 GLP: N Published: N</i> | | | | | |
| III.A.10.2. 1 | <i>Memmert U & Knoch E,</i> | 1993 (b) | <i>Acute toxicity of Marks Optica MP n to Daphnia magna (48- hour immobilization test). RCC Umweltchemie. RCC 409138, Aug.25, 1993 Task Force KIII 10.9: Reg. Doc. No. BASF 93/11635 GLP: Y Published: N</i> | N | N | N/A | MCCP- P Task Force | DAR (1998) |
| CP 10.2.1/02 | Liedtke, A | 2014b | Mecoprop-p K 600 (CA3015): Acute Toxicity to <i>Daphnia magna</i> in a 48- Hour Immobilization Test D76033 Harlan Laboratories Ltd, Switzerland GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| III.A.10.2. 1 | <i>Hanstveit AO,</i> | 1988 | <i>Effects of U 46 KV-Fluid (560 g/l) on the growth of the alga Selenastrum capricornutum</i> | N | - | - | NUF | DAR (1998) |

| 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 |
|------------------|----------------------------|-------------|--|----------------------------|--------------------------------------|--|--------------------------|--|
| | | | <i>(OECD 201) TNO Report No. 88/420. Nov. 9, 1988 Nufarm Task Force KIII 10.2.1 GLP: Y Published: N</i> | | | | | |
| III.A.10.2. 1 | Memmert U & Knoch E, | 1993 (c) | <i>Toxicity of Marks Optica MP n to Pseudokirchner iella subcapitata (algae growth inhibition test). RCC Umweltchemie. Study RCC 409151, Aug.25, 1993 Task Force KIII 10.12: Reg. Doc. No. BASF 93/11627 GLP: Y Published: N</i> | N | - | - | MCCP- P Task Force | DAR (1998) |
| CP 10.2.1/03 | Liedtke, A | 2013a | Mecoprop-p K 600 (CA3015): Toxicity to <i>Pseudokirchner iella subcapitata</i> in a 72-hour algal growth inhibition test D76044 Harlan Laboratories Ltd, Switzerland GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCP 10.2.1/04 | Liedtke, A | 2013b | Mecoprop-p K 600 (CA3015): Toxicity to the | N | Y | New data submitted | Nufarm | Submitted for the purposes of |

| 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 |
|------------------------|--|-------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | Aquatic Higher Plant <i>Lemma gibba</i> in a 7- day Growth Inhibition Test D76055 Harlan Laboratories Ltd, Switzerland GLP Not published | | | | | renewal |
| KCP 10.2.1/05 | Gonsoir, G | 2015 | Mecoprop-p K, 600 g/L: Growth Inhibition of <i>Myriophyllum spicatum</i> in a Water/Sedimen t System S13-04889 Eurofins Agroscience Services GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCP 10.2.1/06 | Seeland- Fremer, A & Mosch, W | 2015 | Toxicity of Mecoprop-p K 600 g/L to the Aquatic Plant <i>Myriophyllum spicatum</i> in a Static Growth Inhibition Test with Prior Rooting Phase 91411215 IBACON GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCP 10.3.2.1/ 01 | Stevens, J | 2014a | Mecoprop-P K 600 g/L – A rate response laboratory bioassay of the effects of fresh | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 |
|------------------------|--------------------|-------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | residues on the parasitic wasp <i>Aphidius rhopalosiphi</i> (Hymenoptera: Braconidae) NUF-14-1 Mambo-Tox Ltd, UK GLP Not published | | | | | |
| KCP 10.3.2.1/ 02 | Fallowfield , L | 2014 | Mecoprop-P K 600 g/L – A rate response laboratory bioassay of the effects of fresh residues on the predatory mite <i>Typhlodromus pyri</i> (Acari: Phytoseiidae) NUF-14-2 Mambo-Tox Ltd, UK GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCP 10.3.2.2/ 01 | Stevens, J | 2014b | Mecoprop-p K 600 g/L – A rate-response extended laboratory bioassay of the effects of fresh residues on the parasitic wasp <i>Aphidius rhopalosiphi</i> (Hymenoptera: Braconidae) NUF-14-3 Mambo-Tox Ltd, UK GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| KCP 10.3.2.2/ R | Vaughan, R | 2015 | Mecoprop-p K 600 g/L – An | N | Y | New data submitted | Nufarm | Submitted for the |

| 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 |
|-------------------|-----------|------|--|----------------------------|--------------------------------------|--|--------------------------|--------------------------------------|
| 02 | | | extended laboratory test to evaluate the effects of fresh residues on the green lacewing <i>Chrysoperla carnea</i> (Neuroptera, Chrysopidae) NUF-14-4 Mambo-Tox Ltd, UK GLP Not published | | | | | purposes of renewal |
| III A 10.3.2.2 | Ufer, A | 1996 | <i>Effect of BAS 037 29 H on the parasitoid Aphidius rhopalosiphi in an extended laboratory test. BASF study code 33161. Reg. Doc # BASF 96/10592. GLP Not published</i> | N | N | N/A | MCCP- P Task Force | In DAR Addendum II (July 2002) |
| III A 10.3.2.2 | Ufer A | 1999 | <i>Effects of mecoprop-P DMA on the predatory mite Typhlodromus pyri (Acari: Phytoseiidae) in an extended laboratory trial BASF study code 58618. Reg. Doc # BASF 1999/11927 GLP: Y Published: N</i> | N | Y (but expired) | - | BAS | DAR Addendum II (July 2002) |
| III A.10.4. 1 | Stute K, | 1984 | <i>Results of the registration study on</i> | N | - | - | BAS | DAR (1998) |

| 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 |
|-------------------------|-------------------|-------------|---|----------------------------|--------------------------------------|--|------------|------------------------|
| | | | <i>toxicity to bees (BAS 037 29H). Off. Bee Research Inst, Celle, Germany. April 10, 1984. Task Force KIII 10.13: Reg. Doc. No. BASF 84/10006. GLP: N Published: N</i> | | | | | |
| <i>IIA.10.4.1</i> | <i>Stute K,</i> | <i>1986</i> | <i>Ergebnis der Zulassungsprüf ung auf Bienengefährlic hkeit, Laboratoriums prüfung (BAS 037 29H). Official Bee Research Institute, Celle, Germany. April 21, 1986. Task Force KIII 10.17: Reg. Doc. No. BASF 86/10012. GLP: N Published: N</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |
| <i>IIIA.10.4. 1</i> | <i>Vorwohl G,</i> | <i>1984</i> | <i>Versuchbericht für die Prüfung im Zulassungsverf aren. Ergebnisse der Laborprüfung auf Bienengefährlic hkeit (BAS 037 29H). Universität Hohenheim, Germany. Oct. 31, 1984. Task Force KIII</i> | <i>N</i> | <i>-</i> | <i>-</i> | <i>BAS</i> | <i>DAR (1998)</i> |

| 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 |
|------------------|-----------------|------|--|----------------------------|--------------------------------------|--|--------|--|
| | | | 10.15: Reg. Doc. No. BASF 84/10010 English translation: Results of the registration study on toxicity to bees (BAS 037 29H). Task Force KIII 10.16: Reg. Doc. No. BASF 84/10011 GLP: N Published: N | | | | | |
| III A 10.4.1 | Altmann, | 1984 | Results of the registration study on toxicity to bees (BAS 037 29H). Universität Saarbrücken, Germany. May 23, 1984. Task Force KIII 10.14: Reg. Doc. No. BASF 84/10009. GLP: N Published: N | N | - | - | BAS | DAR (1998) |
| KCP 10.4.2/01 | McCormac , A | 2015 | Mecoprop-p K 600 g/L – A laboratory test to determine the effects of fresh residues on the springtail <i>Folsomia candida</i> (Collembola, Isotomidae) NUF-14-6 Mambo-Tox Ltd, UK GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |

| 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 10.4.2/02 | Vinall, S | 2015 | Mecoprop-p K 600 g/L – A laboratory test to determine the effects of fresh residues on the predatory soil mite <i>Hypoaspis aculifer</i> (Acari, Laelapidae) NUF-14-5 Mambo-Tox Ltd, UK GLP Not published | N | Y | New data submitted | Nufarm | Submitted for the purposes of renewal |
| III.A.10.5. 1 | Klepka S & Petto R, | 1994 | <i>Effects of Optica MPK on Poecilus cupreus L. (Coleoptera, Carabidae) in laboratory. RCC project no 445702, April 22, 1994. AHMarks Task Force KII 8.14: Reg. Doc. No. BASF 94/11736 Task Force KIII 10.20: Reg. Doc. No. BASF 94/11736 GLP: Y Published: N</i> | N | N | N/A | MCPP- P Task Force | DAR (1998) |
| III.A.10.5. 1 | Petto R, | 1994 | <i>Effects of Optica MPK on Aleochara bilineata Gyll. (Coleoptera, Staphylinidae) in the laboratory. RCC Umweltchemie</i> | N | N | N/A | MCPP- P Task Force | DAR (1998) |

| 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 |
|-------------------------|--------------------------------|------------------------|--|----------------------------|--------------------------------------|--|-----------------------------------|------------------------|
| | | | <i>RCC Project 445701, May 11 1994 Task Force KII 8.16: Reg. Doc. No. BASF 94/11750 Task Force KIII 10.22: Reg. Doc. No. BASF 94/11750 GLP: Y Published: N</i> | | | | | |
| <i>IIIA.10.5. 1</i> | <i>Samsøe- Petersen L,</i> | <i>1990</i> | <i>Effects of U 46 KV-Fluid on Aleochara bilineata (Gyll). Danish Research Service for Plant and Soil Science, March 27, 1990 Nufarm Task Force KIII 10.5.1/01 GLP: N Published: N</i> | <i>N</i> | <i>N</i> | <i>N/A</i> | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |
| <i>KCP 10.5</i> | <i>Todt, K</i> | <i>1989a and b</i> | <i>Effects of the plant protective agent Duplosan KV on the activity of the microflora of soil. 1. Dehydrogenase activity and 2. Nitrification NA 88 9662 NATEC Institute, Germany GLP Not published ⇒Previous</i> | <i>N</i> | <i>N</i> | | <i>MCCP- P Task Force</i> | <i>DAR (1998)</i> |

| 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 |
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| KCP 10.6.2 | Frank, P | 2001a | <i>BAS 037 32 H MCPP-P DMA 600 g/l): A toxicity test to determine the effects of the test item on the seedling emergence of terrestrial plants 70 0843 SLFA, Germany Not published ⇒Previously submitted</i> | N | N | | MCPP- P Task Force | DAR Addendum II (July 2002) |
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| 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 |
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| KCP 10.6.4/01 | Oberwalder, C | 2002a | Toxicity test to determine the effects of BAS 037 32 H on the vegetative vigour of Pea (<i>Pisum sativum</i>) under Field Conditions 70847_2 BASF Aktiengesellschaft, Germany Not published | N | N | | MCPP-P Task Force | |
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| <i>III.A.10.7.1</i> | <i>Zohmer A,</i> | <i>1989 (b)</i> | <i>Study on the effect of U 46 KV-Fluid (560 g/l MCPPP as DMA salt) on soil respiration. Agrolinz Report No. 979. April 18, 1989. Task Force KII 8.19: Reg. Doc. No. BASF 89/10067 Task Force KIII 10.25: Reg. Doc. No. BASF 89/10067 Nufarm Task Force KIII 10.7.1/02 GLP: Y Published: N</i> | <i>N</i> | <i>N</i> | <i>N/A</i> | <i>MCPPP- P Task Force</i> | <i>DAR (1998)</i> |