

| | |
|--|--------------|
| F7B-39-30 | Page 1 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

REGISTRATION REPORT

Part B

Section 1: Identity

Section 2: Physical and chemical properties

Section 4: Further information

Detailed summary of the risk assessment

Product code: F7B-39-30

Product name: Rinpode

Chemical active substance:

Florpyrauxifen-benzyl (trademark: Rinskor® active) 25 g/L

Southern/Central Zone

Zonal Rapporteur Member State: France/Poland zRMS

CORE ASSESSMENT

Applicant: Corteva Agriscience

Submission date: March 2023 Updated May 2023

zRMS Assessment date: 16/11/2023

Following commenting round: 10/04/2024

| | |
|--|--------------|
| F7B-39-30 | Page 2 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

Version history

| When | What |
|---------------|---|
| March 2023 | Initial submission to zRMS and concerned MS |
| May 2023 | Awaited studies finalized and dRR updated accordingly |
| November 2023 | zRMS assessment |
| April 2024 | Following commenting round |
| July 2024 | Minor updates to study report version (highlighted in purple) |
| August 2024 | References correction |

Table of Contents

| | | |
|-------------------|---|-----------|
| 1. | Section 1: Identity of the plant protection product..... | 4 |
| 1.0 | Introduction..... | 4 |
| 1.1 | Applicant (KCP 1.1) | 5 |
| 1.2 | Producer of the plant protection product and of the active substances (KCP 1.2) | 5 |
| 1.2.1 | Producer(s) of the preparation | 5 |
| 1.2.2 | Producer(s) of the active substance(s) | 6 |
| 1.2.3 | Statement of purity (and detailed information on impurities) of the active substance(s)..... | 7 |
| 1.2.3.1 | Florpyrauxifen-benzyl..... | 7 |
| 1.3 | Trade names and producer's development code numbers for the preparation (KCP 1.3) | 7 |
| 1.4 | Detailed quantitative and qualitative information on the composition of the preparation (KCP 1.4) | 7 |
| 1.4.1 | Composition of the plant protection product (KCP 1.4.1)..... | 7 |
| 1.4.2 | Information on the active substance (KCP 1.4.2) | 8 |
| 1.4.3 | Information on safeners, synergists and co-formulants (KCP 1.4.3)..... | 8 |
| 1.5 | Type and code of the plant protection product (KCP 1.5) | 8 |
| 1.6 | Function (KCP 1.6) | 8 |
| 2 | Section 2: Physical, chemical and technical properties of the plant protection product | 9 |
| 3 | Section 3 is presented as a separate document..... | 37 |
| 4 | Section 4: Further information on the Plant Protection Product..... | 37 |
| 4.1 | Recommended Methods and Precautions (KCP 4.2)..... | 37 |
| 4.2 | Emergency Measures in the Case of an Accident..... | 38 |
| 4.3 | Packaging, Compatibility of the Plant Protection Product with Proposed Packaging Materials (KCP 4.4) | 39 |
| 4.4 | Procedures for the Destruction or Decontamination of the Plant Protection Product and its Packaging | 41 |
| 4.4.1 | Neutralisation procedures | 41 |
| 4.4.2 | Controlled incineration | 42 |
| Appendix 1 | Lists of data considered in support of the evaluation..... | 43 |
| Appendix 2 | Additional data on the physical, chemical and technical properties of the active substance florpyrauxifen-benzyl | 48 |

| | |
|--|--------------|
| F7B-39-30 | Page 4 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

1. Section 1: Identity of the plant protection product

1.0 Introduction

This application was submitted by Corteva Agriscience in March 2023.

The application is for the first approval of the formulation F7B-39-30 (trademark: Rinpode) as new post-emergence herbicide developed by Corteva Agriscience. The formulation is an EC (emulsion concentrate) containing 25 g/L of florpyrauxifen-benzyl (19.870 g a.e./L) for use as an herbicide in sugar beets.

F7B-39-30 is submitted to Southern and Central zones with France and Poland acting as zRMS respectively. Concerned Member States are Spain, Italy, Portugal, Greece, Croatia in Southern zone and Belgium, The Netherlands, Luxembourg, Hungary, Germany, Austria, Romania, Czech Republic, Romania, Slovakia in Central zone.

Florpyrauxifen-benzyl (trademark: Rinskor® active) is a New Active Substance (NAS), developed by Corteva Agrisciences, approved in accordance with Regulation (EC) No 1107/2009 on July 3rd, 2019. Details of the approval Regulation, Commission Review Report and EFSA R.O. are provided in the below table:

| <i>Active Substance</i> | <i>Approval Regulation</i> | <i>SANCO/SANTE Review Report</i> | <i>EFSA Scientific Report</i> |
|--|--|--------------------------------------|--|
| Florpyrauxifen-benzyl (trademark: Rinskor® active) | Commission Implementing Regulation (EU) 2019/1138 of 3 July 2019 | SANTE/10658/2019 rev2 of 21 May 2019 | EFSA Journal 2018;16(8):5378. doi: 10.2903/j.efsa.2018.5378. |

The Regulation (EU) 2019/1138 for Florpyrauxifen-benzyl (trademark: Rinskor® active) provides specific provisions under Part B which need to be considered by the applicant in the preparation of their submission and by the MS prior to granting an authorisation: *“For the implementation of the uniform principles as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on 21 March 2019, and in particular Appendices I and II thereof, shall be taken into account. In this overall assessment Member States shall pay particular attention to: — the protection of aquatic and terrestrial non-target plants. Conditions of use shall include risk mitigation measures such as buffer zones and/or drift reduction nozzles, where appropriate.”*

These concerns have been addressed within the current submission, where not otherwise stated.

Florpyrauxifen-benzyl (trademark: Rinskor® active) is a foliar post-emergence herbicide effective to control the most import weeds present in rice paddies; it is not yet authorized for sugar beets. Florpyrauxifen-benzyl is a member of the arylpicolinate family of chemistry, a new structural class of synthetic auxin herbicides, Group O (according to HRAC MOA classification). F7B-39-30 is active at low use rates in post-emergence applications against broadleaf weeds in sugar-beet.

F7B-39-30 (trademark: Rinpode) is very similar to GF-3206 (trademark Loyant 25 Neo EC), with the addition of a food-grade dye, included in the composition at 0.0005% w/w. F7B-39-30 and GF-3206 are the same formulation type (emulsion concentrate) and contain equal amounts of active ingredient, antifoam, emulsifiers, solvents and adjuvant. The minimal difference in composition between F7B-39-30 and GF-3206 lead to toxicological and ecotoxicological properties that can be considered equivalent and in comparable performance on crop safety or efficacy. Based on comparability of both formulations, data generated with GF-3206 are used in support of the claim for F7B-39-30. GF-3206, which is authorized formulation since 2019 in all Southern Europe rice countries, is the representative formulation considered for the florypyrauxifen-benzyl (trademark: Rinskor® active) approval, so it was fully evaluated in the active substance European process.

| | |
|--|--------------|
| F7B-39-30 | Page 5 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

Information on the detailed composition of F7B-39-30 or of the GF-3206 formulation used as read-across can be found in the CONFIDENTIAL dossier of this submission (draft Registration Report - Part C). F7B-39-30 critical and Country GAP within the zones is given in Part B, Section 0.

The awaited studies are highlighted in green.

State whether or not submitted data are sufficient for evaluation. Data gaps and conditions for registration should be listed, if appropriate.

Sufficient data on identity, physical and chemical properties and other information are **not** available for the plant protection product and the contained technical active substance(s).

Noticed data gaps are: no data gap identified.

data gap 1

data gap 2

data gap 3

1.1 Applicant (KCP 1.1)

| | |
|---------------------------------|--|
| Central Address | Corteva Agriscience Italia S.r.l., Via dei Comizi Agrari 10, 26100 Cremona (CR), Italy. |
| Telephone | +39 3357307416 |
| Contact | |
| E-mail | |
| SEU Member State Address | Corteva Agriscience France S.A.S., Batiment Equinoxe 2 1 Bis, avenue du 8 mai 1945, 78280 Guyancourt, France |
| Telephone | +33 772309408 |
| Contact | |
| E-mail | |
| CEU Member State Address | Corteva Agriscience Poland sp. z o. o., Piusa Dziekonskiego Street 1, 00 728, Warsaw, Poland. |
| Telephone | +48 608466088 |
| Contact | |
| E-mail | |

1.2 Producer of the plant protection product and of the active substances (KCP 1.2)

1.2.1 Producer(s) of the preparation

Confidential information or data are provided separately (Part C).

| | |
|--|--------------|
| F7B-39-30 | Page 6 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

1.2.2 Producer(s) of the active substance(s)

Confidential information or data are provided separately (Part C).

| | |
|--|--------------|
| F7B-39-30 | Page 7 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

1.2.3 Statement of purity (and detailed information on impurities) of the active substance(s)

1.2.3.1 Florpyrauxifen-benzyl

| Endpoint | Florpyrauxifen-benzyl (trademark: <i>Rinskor® active</i>) |
|----------------------------|--|
| Reference | EU agreed minimum purity Reference: Reg. (EU) 2019/1138, Review Report SANTE/10658/2019 Rev. 21 May 2019 |
| Purity of active substance | ≥ 920 g/kg active substance, ≤ 3 g/kg of Toluene. |

CONFIDENTIAL INFORMATION on impurities are provided in document C.

1.3 Trade names and producer's development code numbers for the preparation (KCP 1.3)

Trade name: RINPODE

Company code number: F7B-39-30

1.4 Detailed quantitative and qualitative information on the composition of the preparation (KCP 1.4)

1.4.1 Composition of the plant protection product (KCP 1.4.1)

F7B-39-30 is very similar to GF-3206 (the representative formulation for the EU approval of florpyrauxifen-benzyl), with the addition of a food-grade dye, included in the composition at 0.0005% w/w.

Table 1.4-1: Active substance and variant(s) of the active substance

| Active substance | Declared content of the pure active substance (g/L) | FAO Limits*** (min – max) | Technical content* (g/L) | Technical content** (%w/w) |
|--|---|---------------------------|--------------------------|----------------------------|
| Florpyrauxifen-benzyl CAS No: 1390661-72-9 CIPAC No: 990.227 (trademark: Rinskor® active) | 25 | 21.3 – 28.8 | 27.2 | 2.9 |

* Based on the minimum purity of the active substance declared for registration in the active substance dossiers

** Based on the density of the formulation = 0.925 g/L and the minimum purity of the active substance

*** FAO tolerance limits for nominal declared content of up to 25 g/L is ± 15%

Table 1.4-2: Relevant impurities

| Relevant impurity | Maximum content (g/L or g/kg) | Maximum content in ppp (g/L or g/kg) |
|-------------------|-------------------------------|--------------------------------------|
| Toluene | 3 g/Kg (of technical AI) | 0.081 g/L |

| | |
|--|--------------|
| F7B-39-30 | Page 8 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

1.4.2 Information on the active substance (KCP 1.4.2)

Table 1.4-3: Information on active substance

| | |
|--------------------------------------|---|
| Type | Florpyrauxifen-benzyl/XDE-848 BE (trademark: <i>Rinskor® active</i>) |
| ISO common name | Florpyrauxifen-benzyl |
| CAS No | 1390661-72-9 |
| EC No | Not applicable |
| CIPAC No | 990.227 |
| Salt, ester, anion or cation present | Not applicable |

1.4.3 Information on safeners, synergists and co-formulants (KCP 1.4.3)

CONFIDENTIAL information is provided separately (Part C).

1.5 Type and code of the plant protection product (KCP 1.5)

Type: Emulsion Concentrate

Code: EC

1.6 Function (KCP 1.6)

Herbicide

| | |
|--|--------------|
| F7B-39-30 | Page 9 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

2 Section 2: Physical, chemical and technical properties of the plant protection product

The plant protection product F7B-39-30 (Rinpodé) is an EC formulation containing 25 g/L flupyroxifen-benzyl (trademark: *Rinskor*® active) as active substance. F7B-39-30 is very similar to GF-3206 (the representative formulation for the EU approval of flupyroxifen-benzyl), with the addition of a food-grade dye included in the composition at 0.0005% w/w. F7B-39-30 and GF-3206 (trademark Loyant 25 Neo EC) are the same formulation type (EC - emulsion concentrate) and contain equal amounts of active ingredient, antifoam, emulsifiers solvents and adjuvant. Unless noted otherwise, physical, chemical properties of F7B-39-30 are largely based on the read-across formulation GF-3206. All studies have been performed in accordance with the current requirements and the results are deemed to be acceptable.

The appearance of F7B-39-30 is that of a green clear liquid with fruity odour. The density is 0.924 g/mL and the pH of an aqueous dilution (1%) is 5.5 at 19 °C. The product showed a Newtonian behaviour.

The F7B-39-30 physical properties, other than the appearance, are not anticipated to change significantly as a result of the colorant. Confirmative GLP physical properties studies on F7B-39-30 to evaluate oxidizing properties, explosive properties, and flammability are still being finalized and the corresponding final report is expected to be available in May 2023. In the meantime, the GF-3206 results are reported: GF-3206 is not explosive, has no oxidizing properties, is not flammable (flashpoint higher than 100°C) and it

Based on the physical-chemical studies performed in GLP laboratory, the F7B-39-30 is not explosive, has no oxidizing properties, is not flammable (flashpoint higher than 100°C).

GF-3206 is not liable to ignite under normal storage conditions.

F7B-39-30 is anticipated to be stable under accelerated and ambient storage conditions in commercial packaging: the addition of the food-grade dye is not anticipated to impact the active ingredient stability nor technical performance properties. The GLP storage stability studies for confirming the stability of F7B-39-30 formulation under accelerated conditions in PET packaging are still being finalized and the corresponding final reports are expected to be available in May 2023. Based on accelerated storage studies previously conducted on the read-across formulation GF-3206, there is no effect of low and high temperature on the stability of the formulation, since at 54°C for 14 days and at 0°C for 7 days, no significant change in active substance content or in physical-chemical properties occurred.

Based on accelerated storage studies in PET packaging conducted on formulation F7B-39-30, there is no effect of low and high temperature on the stability of the formulation, since at 54°C for 14 days, at 40°C for 8 weeks and at 0°C for 7 days, no significant change in active substance content or in physical-chemical properties occurred.

Ambient storage stability (24 months) and shelf-life data (36 months) in commercial packaging are leveraged from studies conducted from GF-3206. A three years storage stability study at ambient temperature is presented: based on the data after 36 months, a shelf life of three years in commercial packaging is assigned.

F7B-39-30 technical characteristics are acceptable for an emulsifiable concentrate (EC) formulation.

The maximum proposed concentration of use is 0.08% v/v while, the minimum proposed concentration is 0.007% v/v.

No application is being made for the authorisation of the combined use of the preparation with any other product. However, the read-across formulation GF-3206 was tested with 14 other products including EC, CS, SC, WG, OD and EC formulation types. All the prospective tank mix partners were deemed to be compatible under static conditions. The same tank mix compatibility is expected for F7B-39-30. F7B-39-30 is expected to be compatible (physically/chemically) in mixtures with other commercial products in agitated spray tanks.

zRMS

Based on the physical-chemical studies performed on F7B-39-30 (e.g. accelerated storage studies in PET packaging - 54°C for 14 days and 40°C for 8 weeks) and 3 years ambient storage stability conducted on

| | |
|--|---------------|
| F7B-39-30 | Page 10 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

similar formulation GF-3206*, the product F7B-39-30 is stable at least 3 years at ambient temperature when stored in PET, HDPE/PA and f-HDPE containers.

* F7B-39-30 and GF-3206 are the same formulation type (emulsion concentrate) and contain equal amounts of active ingredient, antifoam, emulsifiers, solvents and adjuvant. F7B-39-30 compare to GF-3206 contains additionally in the composition 0.0005% w/w of food-grade dye.

Justified Proposals for Classification and Labelling (KCP 12) for physical chemical part only

The physical-chemical properties of product F7B-39-30 nor the read-across formulation GF-3206 do not trigger classification in accordance with Regulation (EC) No. 1272/2008.

For further information refer to Appendix II of the Part C.

Notifier Proposals for Risk and Safety Phrases (KCP 12)

None proposed, as no classification under Regulation (EC) No 1272/2008 is triggered by the physical chemical properties of F7B-39-30 nor the read-across formulation GF-3206.

Compliance with FAO specifications:

Both the product F7B-39-30 (trademark: Rinpode) and the read-across formulation GF-3206 comply with FAO specifications.

Formulation used for tests

F7B-39-30 and GF- 3206 are the formulation used in tests and respond at the composition given in Part C Confidential information. Information on formulation composition is CONFIDENTIAL and provided separately (Part C).

| | |
|--|---------------|
| F7B-39-30 | Page 11 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

Table 2-1: Physical, chemical and technical properties of the plant protection product

The formulation product F7B-39-30 containing florpyrauxifen- benzyl 25 g/L is an EC (emulsifiable concentrate) formulation. As designated by the test material used, the majority of the physical, chemical properties of F7B-39-30 are largely based on the read-across formulation GF-3206 (EC formulation type also containing florpyrauxifen- benzyl 25 g/L).

Maximum proposed concentration of use is 0.08% v/v.

Minimum proposed concentration of use is 0.02% v/v.

The proposed commercial packaging are jerricans and bottles of material:

- PET in size of 0.05, 0.10, 0.15, 0.25, 0.50, 1, 2, 3, 5, 10, 15 and 20 litres
- COEX HDPE/PA in size of 0.10, 0.50, 1, 2, 3, 5, 5.2, 6.2, 7, 10, 15, 20 litres
- F-HDPE in size of 0.05, 0.10, 0.15, 0.25, 0.50, 1, 2, 3, 5, 10, 15 and 20 litres

Since the read-across formulation product GF- 3206 was the representative formulation of Annex I inclusion the main physical and chemical properties were evaluated in that context and considered acceptable.

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|-------------------------------------|----------------------|---|-------------------------|----------|--|---|
| Appearance | | | | | | |
| Odour (KCP 2.1) | Olfactory Inspection | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Fruity odour | Y | Clapperton, R. 2023 Study ID: 230062 | Accepted |
| Physical state and colour (KCP 2.1) | Visual Inspection | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Green liquid at 17.4 °C | Y | Clapperton, R. 2023 Study ID: 230062 | Accepted A qualitative, visual description of the colour such as those listed in the “Handbook of Chemistry and |

| | |
|--|---------------|
| F7B-39-30 | Page 12 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|---|----------------------|---|--|----------------|--------------------------------------|---|
| | | | | | | Physics,” was completed. |
| Explosive and oxidising properties | | | | | | |
| Explosive properties (KCP 2.2) | EEC A14 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Not explosive. The test item of F7B-39-30 was not observed to exhibit a reaction at 40 J. The BAM Fallhammer test result is therefore considered Negative (-). The test item did not exhibit an explosion during any of the tests. The Koenen Tube test result is therefore considered Negative (-). | Y | Michnik, I. 2023 Study ID: 230063 | Accepted Not explosive. The explosive properties of test item F7B-39-20 was evaluated by: - BAM Fallhammer - Koenen Tube The both test gave negative results. |
| Oxidizing properties (KCP 2.2) | EEC A21 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Not an oxidizing liquid. None of the sample/cellulose tests reached 2070kPa; each test was terminated at a time greatly exceeding 60 seconds. | Y | Michnik, I. 2023 Study ID: 230063 | Accepted According to EEC A21The formulation is not oxidizing when time for mean pressure rise of test substance is greater than for reference substance. None of the sample/cellulose tests reached 2070kPa. F7B-39-30 is not an |

| | |
|--|---------------|
| F7B-39-30 | Page 13 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|---|----------------------|---|---|----------|---|--|
| | | | | | | oxidizing liquid. |
| Flammability and auto-flammability | | | | | | |
| Flammability (KCP 2.3) | EEC A9 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | The flashpoint 129.5°C | Y | Michnik, I. 2023 Study ID: 230063 | Accepted. Test item F7B-39-20 is not classify, according to CLP Regulation, as flammable. |
| Self-heating (KCP 2.3) | EEC A15 | GF-3206, (TSN307577) 2.7 wt% XDE-848 BE Lot No.: ENBK-143739-020 | Auto ignition temperature = 260°C | Y | Dunning, J., 2016 NAFST-15-183 | Previously acceptable study. The product is not liable to ignite under normal storage conditions. |
| Acidity/ alkalinity and pH value | | | | | | |
| pH value (KCP 2.4) | CIPAC MT 75.3 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | 1% aqueous solution: 5.5 at 19.3 °C | Y | Clapperton, R. 2023 Study ID: 230062 | Accepted |
| Acidity/alkalinity (KCP 2.4) | - | - | Not relevant; pH is not less than 4 or greater than 10. | - | - | - |

| | |
|--|---------------|
| F7B-39-30 | Page 14 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|--------------------------------------|--------------------------|---|---|----------|---|--|
| Viscosity and surface tension | | | | | | |
| Kinematic viscosity (KCP 2.5) | CIPAC MT 22 | GF-3206, (TSN307577) 2.7 wt% XDE-848 BE Lot No.: ENBK-143739-020 | 14.2 mm ² /s at 20°C 7.91 mm ² /s at 40°C | Y | Dunning, J., 2015 NAFST-15-50 | Accepted |
| Dynamic viscosity (KCP 2.5) | CIPAC MT 192 OECD 114 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Newtonian fluid Dynamic viscosity: 12 mPa.s (20 °C) 7 mPa.s (40 °C) | Y | Clapperton, R. 2023 Study ID: 230062 | Accepted The viscosity was determined at 20°C and 40°C at two shear rates. |
| Surface tension (KCP 2.5) | EEC A5 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | F7B-39-30 0.0022% w/v dilution at 20.3°C: 57.8 mN/m F7B-39-30 0.1% w/v dilution at 20.1°C: 38.8 mN/m | Y | Clapperton, R. 2023 Study ID: 230062 | Accepted The surface tension shall be determined at the highest in use concentration at 20°C. If the highest rate recommended by the supplier is less than 1 g/L (< 1 g/L), the surface tension should be determined at 1 g/L as given by the test method. The surface tension |

| | |
|--|---------------|
| F7B-39-30 | Page 15 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|--|--|---|---|----------|---|---|
| | | | | | | is below 60 mN/m, the product is surface active. |
| Relative density and bulk density | | | | | | |
| Relative density (KCP 2.6) | EEC A3 OECD 109 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | 0.924 | Y | Clapperton, R. 2023 Study ID: 230062 | Accepted |
| Density (KCP 2.6) | OECD 109 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Awaited study 0.924 g/mL at 20°C | Y | Clapperton, R. 2023 Study ID: 230062 | Accepted |
| Storage stability and shelf-life: Effects of temperature on technical characteristics of the plant protection product | | | | | | |
| Storage at high temperature (KCP 2.7) | CIPAC MT46.3 (accelerated storage) CIPAC MT 75.3 CIPAC MT 47.2 CIPAC MT 36.3 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Two Weeks 54°C Accelerated Storage of F7B-39-30 in PET Packaging F7B-39-30 was chemically and physically stable after two weeks 54°C storage in 250 mL PET. A.I. content [DAS-AM-G-13-52] Initial: 2.69% w/w | Y | Bergner, D. 2023 2024 Study ID: 230094 | Accepted F7B-39-30 was determined to be chemically and physically stable in PET after two weeks of 54°C storage. |

| | |
|--|---------------|
| F7B-39-30 | Page 16 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|--|----------|-----------|---|
| | | | <p>After 2 weeks in PET: 2.69% w/w</p> <p><u>Appearance:</u> The test substance was observed to be a clear, green liquid throughout the study before and after accelerated storage (54°C).</p> <p>After 2 weeks no change was observed in PET packaging. The containers remained in good condition throughout the study.</p> <p><u>Packaging assessment</u></p> <p>The PET bottles showed no indications of significant weight loss or physical deterioration that would interfere with the safe handling of the product after storage.</p> <p><u>pH value of a 1% dilution</u></p> <p>Initial: 5.33 at 20.9 °C</p> <p>After storage in PET: 5.16 at 21.4°C</p> <p><u>Persistent foaming (at 0.4% v/v)</u></p> <p>Initial: 30 mL after 1 min</p> <p>After storage in PET: 10 mL after 1 min</p> <p><u>Emulsion stability</u></p> <p>Test performed at 0.02% v/v and at 0.08% v/v in CIPAC Standard Water A</p> | | | <p>No significant change in the test substance (F7B-39-30) physical state was observed. The F7B-39-30 was observed to be a clear, green liquid throughout the study after two weeks of accelerated storage (56°C).</p> <p>The PET bottle weights did not change (relative to time zero weight) after two weeks of storage at 56°C (weight change (%) after storage: -0.2%). The containers remained in good condition throughout the entire study and showed no evidence of corrosion or other effects that would interfere</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 17 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|--|----------|-----------|--|
| | | | <p>and in CIPAC Standard Water D.</p> <p>Results were < 2 mL cream on bottom and no oil after 30 minutes and two hours in standard waters A and D before and after two weeks of 54°C storage in PET. Testing was concluded after two hours observation.</p> | | | <p>with the safe handling of the product.</p> <p>The analytical method which was used to determined active ingredient (florpyrauxifen-benzyl) content was validated in GLP laboratory (in-house methodology method DAS-AM-G-13-52).</p> <p>The content of active ingredient was determined by HPLC method.</p> <p>The concentration of florpyrauxifen-benzyl:</p> <p>Time zero: 2.69% wt/wt.</p> <p>The concentration of florpyrauxifen-benzyl after two weeks storage at 54°C temperature in PET container:</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 18 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|----------|----------------|-----------|--|
| | | | | | | <p>2.69% wt/wt.</p> <p>It is recognised that a loss of up to 5 % of the active substance is unlikely to adversely affect the safety or efficacy of the preparation.</p> <p>No significant change in content of the active substance - florpyrauxifen-benzyl was observed following 2 weeks storage at 54°C in PET container.</p> <p>Persistent foam is determined to measure the amount of foam likely to be present in a spray tank or other application equipment following dilution of the preparation.</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 19 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|--|---|---|----------|--|---|
| | | | | | | <p>Acceptable limits : Max 60 mL foam after 1 minute. Obtained results are acceptable.</p> <p>Emulsion stability: the data are required to determine whether a preparation forms and maintains a stable emulsion. Results are acceptable: no separation or oil was observed after 2 hours then no further testing was required.</p> |
| | CIPAC MT46.3 (accelerated storage) CIPAC MT 75.3 CIPAC MT 47.2 | GF-3206, (TSN308677) 2.7% wt. % XDE-848 BE | GF-3206 (containing antifoam) was chemically and physically stable after two weeks 54°C storage in 1 L PET and in 1 L F-HDPE <u>A.i. content [DAS-AM-G-13-52]</u> Initial: 2.68% w/w After 2 weeks in PET: 2.67% w/w After 2 weeks in F-HDPE: 2.68% w/w | Y | Tidswell, J., 2015 Study ID: 15-010-G | Previously acceptable study. The product is not heat sensitive. For information about validity of analytical method for a.s. content, please refer to CP |

| | |
|--|---------------|
| F7B-39-30 | Page 20 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|---|----------|-----------|---|
| | CIPAC MT 36.3 | | <p><u>Appearance</u> Initial: yellow liquid with mild odour After 2 weeks no change was observed in both PET and F-HDPE packaging.</p> <p><u>Packaging assessment</u> The PET bottles and F-HDPE showed no indications of significant weight loss or physical deterioration that would interfere with the safe handling of the product after storage.</p> <p><u>pH value of a 1% dilution</u> Initial: 4.8 at 18.3 °C After storage in PET: 4.6 at 18.7 °C After storage in F-HDPE: 4.6 at 18.1 °C</p> <p><u>pH value of neat formulation</u> Initial: 5.2 at 20.9 °C After storage in PET: 5.4 at 20.5 °C After storage in F-HDPE: 5.7 at 20.2 °C</p> <p><u>Persistent foaming (at 4.63% w/v)</u> Initial: 0 mL after 1 min After storage in PET: 2 mL after 1 min After storage in FHDPE: 2 mL after 1 min</p> <p><u>Emulsion stability</u> Test performed at 0.33% w/v and at 4.63% w/v in CIPAC Standard Water A and in CIPAC Standard Water D. In all test conditions, emulsifiability was</p> | | | <p>B5.</p> <p>The impurity content has not been determined after accelerate storage stability neither in the shelf life study. Toluene was identified as manufacturing impurity and therefore, it should not be formed during storage. However, when the content of impurity is not determined during storage at least a justification should be reported.</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 21 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|---|----------|--|---|
| | | | spontaneous and no cream, oil or sediment were observed after 30 min, 2 h, or after re-emulsification. | | | |
| | | GF-3206, (TSN308676, TSN308677, TSN308678) 2.7% wt. % XDE-848 BE | <p>The stability of the formulation during storage for 14 days at 54°C in 1 L COEX PE/PA was investigated in three different batches.</p> <p>Results reported below are related to batch TSN308677 only. Similar behaviour was observed in the other batches.</p> <p>A.i. content [DAS-AM-G-13-52] Initial: 2.68% w/w After storage: 2.67% w/w</p> <p>Appearance Initial: yellow liquid with mild odour After storage: unchanged.</p> <p>Packaging assessment No changes in packaging weights or dimensions of the COEX or laminated sachet packs were observed. Weight change < 0.1% pH value of a 1% dilution Initial: 4.9 at 20.2 °C After storage: 4.9 at 20.4°C pH value of neat formulation Initial: 4.6 at 18.5°C</p> | Y | Tidswell, J., 2015 Study ID: 15-004-G | Acceptable study. The product resulted to be stable at high temperature when stored in COEX packaging. |

| | |
|--|---------------|
| F7B-39-30 | Page 22 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|--|---|---|----------|--|---|
| | | | <p>After storage: 4.9 at 17.6°</p> <p>Persistent foaming (at 0.7 % v/v)</p> <p>Initial: 0 mL after 1 min</p> <p>After storage: 4 mL after 1 min</p> <p>Emulsion stability</p> <p>Test performed at 0.7% w/v and at 0.12% w/v in CIPAC Standard Water A and in CIPAC Standard Water D.</p> <p>In all test conditions, emulsifiability was spontaneous and no cream, oil or sediment were observed after 30 min, 2 h, or after re-emulsification.</p> | | | |
| | <p>CIPAC MT46.3 (accelerated storage)</p> <p>CIPAC MT 75.3</p> <p>CIPAC MT 47.2</p> <p>CIPAC MT 36.3</p> | <p>F7B-39-30</p> <p>F7B-39-30-3</p> <p>2.7wt% florpyrauxifen-benzyl (XDE-848 BE)</p> <p>Lot No: ENBK-177983-003-C</p> | <p>Eight Weeks 40°C Accelerated Storage of F7B-39-30 in PET Packaging</p> <p>F7B-39-30 was chemically and physically stable after eight weeks 40°C storage in 250 mL PET.</p> <p>A.I. content [DAS-AM-G-13-52]</p> <p>Initial: 2.69% w/w</p> <p>After 8 weeks in PET: 2.69% w/w</p> <p>Appearance: The test substance was observed to be a clear, green liquid throughout the study before and after accelerated storage (54°C) (40°C)</p> | Y | <p>Bergner, D. 2023 2024</p> <p>Study ID: 230093</p> | <p>Accepted</p> <p>F7B-39-30 was determined to be chemically and physically stable in PET after eight weeks of 40°C storage.</p> <p>No significant change in the test substance (F7B-39-30) physical state was observed. The F7B-39-30 was</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 23 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|--|----------|-----------|--|
| | | | <p>After 28 weeks no change was observed in PET packaging. The containers remained in good condition throughout the study.</p> <p><u>Packaging assessment</u></p> <p>The PET bottles showed no indications of significant weight loss or physical deterioration that would interfere with the safe handling of the product after storage.</p> <p><u>pH value of a 1% dilution</u></p> <p>Initial: 5.33 at 20.9 °C</p> <p>After storage in PET: 5.13 at 21.5°C</p> <p><u>Persistent foaming (at 0.4% v/v)</u></p> <p>Initial: 30 mL after 1 min</p> <p>After storage in PET: 40 mL after 1 min</p> <p><u>Emulsion stability</u></p> <p>Test performed at 0.02% v/v and at 0.08% v/v in CIPAC Standard Water A and in CIPAC Standard Water D.</p> <p>Results were < 2 mL cream on bottom and no oil after 30 minutes and two hours in standard waters A and D before and after eight weeks of 40°C storage in</p> | | | <p>observed to be a clear, green liquid throughout the study after eight weeks of accelerated storage (40°C).</p> <p>The PET bottle weights did not change (relative to time zero weight) after eight weeks of storage at 40°C (weight change (%) after storage: - 0.2%). The containers remained in good condition throughout the entire study and showed no evidence of corrosion or other effects that would interfere with the safe handling of the product.</p> <p>The analytical</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 24 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|---|----------|-----------|--|
| | | | PET. Testing was concluded after two hours observation. | | | <p>method which was used to determined active ingredient (florpyrauxifen-benzyl) content was validated in GLP laboratory (in-house methodology method DAS-AM-G-13-52).</p> <p>The content of active ingredient was determined by HPLC method.</p> <p>The concentration of florpyrauxifen-benzyl:</p> <p>Time zero: 2.69% wt/wt.</p> <p>The concentration of florpyrauxifen-benzyl after eight weeks storage at 40°C temperature in PET container: 2.69% wt/wt.</p> <p>It is recognised that a loss of up to 5 % of the active substance is</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 25 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|----------|----------|-----------|---|
| | | | | | | <p>unlikely to adversely affect the safety or efficacy of the preparation.</p> <p>No significant change in content of the active substance - florpyrauxifen-benzyl was observed following 8 weeks storage at 40°C in PET container.</p> <p>Persistent foam is determined to measure the amount of foam likely to be present in a spray tank or other application equipment following dilution of the preparation.</p> <p>Acceptable limits : Max 60 mL foam after 1 minute.</p> <p>Obtained results are</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 26 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|-------------------------------|---|---|----------|--|--|
| | | | | | | <p>acceptable.</p> <p>Emulsion stability: the data are required to determine whether a preparation forms and maintains a stable emulsion.</p> <p>Results are acceptable: no separation or oil was observed after 2 hours then no further testing was required.</p> |
| Low temperature storage | CIPAC MT39.3 (cold stability) | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | <p>Low temperature storage (One week 0°C) of F7B-39-30 in glass</p> <p>The stored product showed no significant physical changes after storage for one week at 0°C. Emulsion stability and re-emulsification results were < 2 mL after 30 minutes and two hours. No oil at 0.02% v/v and 0.08% v/v F7B-39-30 in standard water A and D before and after one week storage at 0°C. Testing was concluded after 24 hours observations. Based on the physical test results obtained from</p> | Y | Bergner, D. 2023, 2024 Study ID: 230094 | <p>Accepted</p> <p>Based on the physical test results obtained from the study, it can be concluded that F7B-39-30 is stable after one week of 0°C storage.</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 27 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|--|--|--|----------|--|---|
| | | | the study, it can be concluded that F7B-39-30 is stable before and after one week of 0°C storage. | | | |
| | | GF-3206, (TSN308677) 2.7% wt. % XDE-848 BE | After one week storage at 0°C and then after 24 hours at room temperature, the samples contained 0.1 mL hazy sediment but became uniform with one inversion. GF-3206 is stable after one week storage at 0°C. | Y | Tidswell, J., 2015 Study ID: 15-010-G | Previously acceptable study. The product is stable at low temperatures. |
| Shelf-life (KCP 2.7) | CropLife International, Monograph No. 17 (ambient storage) CIPAC MT 75.3 CIPAC MT 47.2 CIPAC MT 36.3 | GF-3206 (TSN308676) 2.7 wt% XDE-848 BE | A three year ambient storage stability study in PET and F-HDPE has been completed using GF-3206 containing 0.3% antifoam. <u>A.i. content [DAS-AM-G-13-52]</u> Initial: 2.67% w/w After 2 years in PET: 2.70% w/w After 2 years in F-HDPE: 2.70% w/w <u>Appearance</u> No significant change occurred: during storage period the test substance was observed to be clear amber liquid. <u>Packaging assessment</u> PET packaging remained in good condition during storage period. F-HDPE packaging had 38% panelling. <u>pH value of a 1% dilution</u> | Y | Tidswell, J., 2018 Study ID: 15-014-G | Previously acceptable study Appearance, pH, a.i. content, stability of commercial F-HDPE and PET bottles, persistence of foaming, emulsifiability and emulsion stability were tested after storage for 3 years at ambient temperature. All physical and chemical properties remained stable. Active ingredient |

| | |
|--|---------------|
| F7B-39-30 | Page 28 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|---|---|---|----------|--|---|
| | | | <p>Initial: 4.9 at 17.9 °C After storage in PET: 4.9 at 20.4°C After storage in F-HDPE: 4.9 at 20.0°C <u>Persistent foaming</u> (at 4.6% w/v) Initial: 2 mL after 1 min After storage in PET: 14 mL after 1 min After storage in FHDPE: 16 mL after 1 min <u>Emulsion stability</u> Emulsifiability: spontaneous After 30 min: no cream or oil After 2 h: no cream or oil After storage: no change was observed.</p> | | | content not significantly decreased. The packs were stable. Therefore, a shelf life of three years can be assigned. |
| Shelf-life (KCP 2.7) | CropLife International, Monograph No. 17 (ambient storage) CIPAC MT 75.3 CIPAC MT 47.2 CIPAC MT 36.3 | GF-3206 (TSN306850) 2.7 wt% XDE-848 BE | <p>The two year ambient report was submitted for GF-3206 (containing no antifoam) <u>A.i. content [DAS-AM-G-13-52]</u> Initial: 2.74% w/w After 2 years in PET: 2.74% w/w After 2 years in F-HDPE: 2.75% w/w <u>Appearance</u> No significant change occurred: during storage period the test substance was observed to be clear amber liquid. <u>Packaging assessment</u> PET packaging remained in good condition during storage period. F-</p> | Y | Hofer, C., 2016 Study ID: FOR-14-6.01 | Previously acceptable study. The product is considered to be stable in commercial packaging after two years storage at ambient temperature. For information about validation of analytical method for a.i. content, please refer to CP |

| | |
|--|---------------|
| F7B-39-30 | Page 29 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|---|----------|---|--|
| | | | <p>HDPE packaging was moderately paneled after storage.</p> <p><u>pH value of a 1% dilution</u></p> <p>Initial: 4.71 at 22.1 °C</p> <p>After storage in PET: 4.62 at 19.4°C</p> <p>After storage in F-HDPE: 4.58 at 19.3°C</p> <p><u>Persistent foaming</u> (at 0.74% w/v)</p> <p>Initial: 44 mL after 1 min</p> <p>After storage in PET: 34 mL after 1 min</p> <p>After storage in FHDPE: 38 mL after 1 min</p> <p><u>Emulsion stability</u></p> <p>Emulsifiability: spontaneous</p> <p>After 30 min: cream ≤ 2 mL, no oil</p> <p>After 2 h: no cream or oil</p> <p>After storage: no change was observed.</p> | | | B. 5. |
| | | GF-3206, (TSN308676, TSN308677, TSN308678) 2.7% wt. % XDE-848 BE | <p>The stability of the formulation during storage for 2 years at ambient temperature in 1 L COEX PE/PA was investigated in three different batches. Results reported below are related to batch TSN308677 only. Similar behaviour was observed in the other batches.</p> <p>A.i. content [DAS-AM-G-13-52]</p> <p>Initial: 2.68% w/w</p> <p>After storage: 2.69% w/w</p> | Y | Tidswell, J., Ralphs, C., 2017 Study ID: 15-005-G | <p>Previously acceptable study.</p> <p>The product resulted to be stable for 2 years at ambient temperature in COEX packaging.</p> <p>A shelf life of 2</p> |

| | |
|--|---------------|
| F7B-39-30 | Page 30 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------|----------------------|--|---|----------------|-----------|--------------------------|
| | | | <p>Appearance</p> <p>No significant change occurred: during storage period the test substance was observed to be clear amber liquid.</p> <p>Packaging assessment</p> <p>No changes in packaging weights or dimensions of the COEX packs were observed. The bottles remained in good condition and showed no evidence of corrosion or other effects that would interfere with the safe handling of the product.</p> <p>pH value of a 1% dilution</p> <p>Initial: 4.9 at 20.2 °C</p> <p>After storage: 5.2 at 21.4°C</p> <p>pH value of neat formulation</p> <p>Initial: 4.6 at 18.5°C</p> <p>After storage: 4.4 at 20.6°</p> <p>Persistent foaming (at 0.7% v/v)</p> <p>Initial: 0 mL after 1 min</p> <p>After storage: 8 mL after 1 min</p> <p>Emulsion stability</p> <p>Test performed at 0.7% w/v and at 0.12% w/v in CIPAC Standard Water A and in CIPAC Standard Water D.</p> <p>In all test conditions, emulsifiability was spontaneous and no cream, oil or</p> | | | years can be assigned. |

| | |
|--|---------------|
| F7B-39-30 | Page 31 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|--|----------------------|--|---|----------|---|---|
| | | | sediment were observed after 30 min, 2 h, or after re-emulsification. | | | |
| Technical characteristics of the plant protection product | | | | | | |
| Wettability (KCP 2.8.1) | - | - | Not applicable for an EC formulation | - | - | - |
| Persistent foaming (KCP 2.8.2) | CIPAC MT 47.2 | F7B-39-30 F7B-39-30-3 2.7wt% florypyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Test conducted at 0.4% v/v in CIPAC Standard Water D Storage stability initial timepoint < 60 mL of foam (1 min) After 1 min: 30 mL After 12 min 3 mL | Y | Bergner, D. 2023-2024 Study ID: 230094 | Accepted Persistent foam is determined to measure the amount of foam likely to be present in a spray tank or other application equipment following dilution of the preparation. Acceptable limits : Max 60 mL foam after 1 minute. Obtained results are acceptable. |
| Persistent foaming (KCP 2.8.2) | CIPAC MT 47.2 | F7B-39-30 F7B-39-30-3 2.7wt% florypyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Test conducted at 0.4% v/v in CIPAC Standard Water D Awaited study. Final report will be available in May 2023 | Y | Bergner, D. 2023-2024 Study ID: 230093 | |

| | |
|--|---------------|
| F7B-39-30 | Page 32 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|--|----------------------|--|---|----------|--|---|
| Persistent foaming (KCP 2.8.2) | CIPAC MT 47.2 | GF-3206, 2.7 wt% XDE-848 BE, TSN306850 | Test conducted at 0.74 % w/v (0.8% v/v) in CIPAC Standard Water D with GF-3206 containing no antifoam. After 10 sec: 52 mL After 1 min: 44 mL After 3 min: 40 mL After 12 min: 26 mL | Y | Hofer, C., 2016 Study ID: FOR-14-6.01 | Previously acceptable study. In Study ID 15-010-G (see point CP 2.7/01 above), the volume of foam at time zero was 0 mL. Both results are within acceptable limits; nevertheless, clarification on such significant difference would be useful. Notice that the volume of persistent foam is strongly higher than the volume reported in point CP B.2.7/1, since study 15-010-G was performed with an update formulation (including 0.3% |

| | |
|--|---------------|
| F7B-39-30 | Page 33 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|---|----------------------|---|---|----------|--|--|
| | | | | | | antifoam). |
| Persistent foaming (KCP 2.8.2) | CIPAC MT 47.2 | GF-3206, 2.7 wt% XDE-848 BE, TSN308676 | Test conducted at 0.74 % w/v (0.8% v/v) in CIPAC Standard Water D with GF-3206 containing 0.3% antifoam. After 10 sec: 12 mL After 1 min: 2 mL After 3 min: 0 mL After 12 min: 0 mL | Y | Tidswell J., 2018 Study ID: 15-014-G | Due to the high foaming of the product the composition of GF-3206 was modified to add 0.3% antifoam. The sample used in the original study (FOR-14-6.01) did not contain any antifoam. |
| Suspensibility, spontaneity and dispersion stability (KCP 2.8.3) | - | - | Not applicable for an EC formulation | - | - | - |
| Degree of dissolution and dilution stability (KCP 2.8.4) | - | - | Not applicable for an EC formulation | - | - | - |
| Particle size, distribution, dust content, attrition and mechanical stability (KCP 2.8.5.1) | - | - | Not applicable for an EC formulation | - | - | - |
| Emulsifiability, re-emulsifiability, emulsion stability (KCP 2.8.6) | CIPAC MT 36.3 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) | Test conducted at 0.02 and 0.08% v/v in CIPAC Standard Water A and CIPAC Standard water D at room temperature. | Y | Bergner, D. 2023 2024 Study ID: 230094 | Accepted Emulsion stability: the data are required to |

| | |
|--|---------------|
| F7B-39-30 | Page 34 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|---|----------------------|---|--|----------|---|--|
| | | Lot No: ENBK-177983-003-C | Storage stability initial timepoint Results were < 2 mL cream on bottom and no oil after 30 minutes and two hours in standard waters A and D. Testing was concluded after two hours observation. | | | determine whether a preparation forms and maintains a stable emulsion. Results are acceptable: no separation or oil was observed after 2 hours then no further testing was required. |
| Emulsifiability, re-emulsifiability, emulsion stability (KCP 2.8.6) | CIPAC MT 36.3 | F7B-39-30 F7B-39-30-3 2.7wt% florpyrauxifen-benzyl (XDE-848 BE) Lot No: ENBK-177983-003-C | Test conducted at 0.02 and 0.08% v/v in CIPAC Standard Water A and CIPAC Standard water D at room temperature. Awaited study. Final report will be available in May 2023 | Y | Bergner, D. 2023-2024 Study ID: 230093 | |
| Emulsifiability, re-emulsifiability, emulsion stability (KCP 2.8.6) | CIPAC MT 36.3 | GF-3206, 2.7 wt% XDE-848 BE, TSN306850 | Test conducted at 0.36% v/v and 0.8% v/v in CIPAC Standard Water A and CIPAC Standard water D at room temperature. Initial emulsifiability: spontaneous After 30 min: cream ≤ 2 mL, no oil After 2 h: no cream or oil | Y | Hofer, C., 2016 Study ID: FOR-14-6.01 | Previously acceptable study. Although the min. use concentration recommended by notifier is 0.1% v/v, no significant change is expected to occur at that concentration. |
| Emulsifiability, re-emulsifiability, emulsion | CIPAC MT 36.3 | GF-3206, 2.7 wt% XDE-848 BE, TSN308676 | Test conducted at 0.3% v/v and 4.6% w/v in CIPAC Standard Water A and | Y | Tidswell J., 2018 | Acceptable Emulsifiability, |

| | |
|--|---------------|
| F7B-39-30 | Page 35 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|--|--|--|--|----------|--|---|
| stability (KCP 2.8.6) | | | CIPAC Standard water D at room temperature. Initial emulsifiability: spontaneous After 30 min: no cream or oil After 2 h: no cream or oil | | Study ID: 15-014-G | emulsion stability and re-emulsifiability were tested in a range of concentrations compliant with the maximum and minimum proposed one (0.3%- 0.8% v/v) in both CIPAC D and A water. No separation or cream formulation occurred. |
| Flowability, pourability and dustability (KCP 2.8.7) | - | - | Not applicable for an EC formulation | - | - | - |
| Physical compatibility with other products including other plant protection product with which its use is to be authorised (KCP 2.9) | ASTM Dynamic tank mix compatibility testing | GF-3206, 2.7 wt% XDE-848 BE | Product has been tested and is physically compatible with other commercial products in agitated spray tanks | N | D. Wujek, 2018 Study ID: NAFST-181321 | Additional information Tank mix compatibility was tested on GF- 3206 in combination with 14 different formulations. No incompatibility was detected. |
| Adherence and distribution to seeds | - | - | Not applicable for an EC formulation | - | - | - |

| | |
|--|---------------|
| F7B-39-30 | Page 36 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| zRMS version | August 2024 |

| Test or study and data point | Guideline and method | Test material purity and specification | Findings | GL P Y/N | Reference | Acceptability / Comments |
|------------------------------------|----------------------|--|---|----------|-----------|--------------------------|
| (KCP 2.10) | | | | | | |
| Other studies (KCP 2.11) | - | - | There are no other studies required or submitted. | - | - | - |

| | |
|--|---------------|
| F7B-39-30 | Page 37 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

3 Section 3 is presented as a separate document

Please refer to the separate file “dRR Part B3”.

4 Section 4: Further information on the Plant Protection Product

4.1 Recommended Methods and Precautions (KCP 4.2)

Handling and storage

Handling: Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapour or mist. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation.

Storage: Store in a dry place. Store in original container. Keep container tightly closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies.

Exposure controls/personal protection

Engineering controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Eye protection: Safety glasses with side-shields conforming to EN166 or equivalent

Hand protection: Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Chlorinated polyethylene. Neoprene. Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. Examples of acceptable glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Nitrile/butadiene rubber ("nitrile" or "NBR"). When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to EN 374) is recommended. Glove thickness alone is not a good indicator of the level of protection a glove provides against a chemical substance as this level of protection is also highly dependent on the specific composition of the material that the glove is fabricated from. The thickness of the glove must, depending on model and type of material, generally be more than 0.35 mm to offer sufficient protection for prolonged and frequent contact with the substance. As an exception to this general rule it is known that multilayer laminate gloves may offer prolonged protection at thicknesses less than 0.35 mm. Other glove materials with a thickness of less than 0.35 mm may offer sufficient protection when only brief contact is expected.

Skin/body protection: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. Use the following CE approved air-purifying respirator: Organic vapor cartridge with a particulate pre-filter, type AP2.

Transport information adr/iata_c/imdg

UN Number: UN 3082

| | |
|--|---------------|
| F7B-39-30 | Page 38 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (benzyl 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-5-fluoropyridine-2-carboxylate)
 Dangerous Goods Class: 9
 Packing Group: III

4.2 Emergency Measures in the Case of an Accident

(a) Containment of spillages

Contain spilled material if possible.

Small spills: Absorb with materials such as: Clay. Dirt. Sand. Sweep up. Collect in suitable and properly labelled containers.

Large spills: Contact Corteva Agriscience for clean-up assistance. See Section 13, Disposal Considerations, for additional information

(b) Decontamination of areas, vehicles and buildings

Refer to the safety data sheet for F7B-39-30 (Rinpode).

(c) Disposal of damaged packaging, absorbents and other materials

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

The definitive assignment of this material to the appropriate EWC group and thus its proper EWC code will depend on the use that is made of this material. Contact the authorized waste disposal services.

(d) Protection of emergency workers and residents, including bystanders

Refer to the safety data sheet for F7B-39-30 (Rinpode).

(e) First aid measures

Inhalation: Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Call a poison control center or doctor for treatment advice.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Eye contact: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Ingestion: No emergency medical treatment necessary.

(e) First aid measures

Refer to the safety data sheet for F7B-39-30 (Rinpode).

| | |
|--|---------------|
| F7B-39-30 | Page 39 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

4.3 Packaging, Compatibility of the Plant Protection Product with Proposed Packaging Materials (KCP 4.4)

Packaging material, capacity, size of opening, type of closure and any other relevant information is presented below. Full packaging compatibility was evaluated previously on the read-across formulation GF-3206 and is leveraged for F7B-39-30. A similar evaluation of F7B-39-30 in 0.25 L PET pack-type bottles is presented within the accelerated storage stability studies.

zRMS comments

The packaging mentioned below (PET bottles, HDPE/PA bottles and f-HDPE bottles) are accepted for storage formulation F7B-39-30.

Table 4.3-1: Packaging information for PET bottles

| Specific Requirement | Description |
|---------------------------|--|
| Material of Construction: | PET |
| Manner of construction | Stretch blow moulded |
| Barrier Material | N/A |
| Shape/size: | <p>Bottles/Jerrican in size of 0.05, 0.10, 0.15, 0.25, 0.50, 1, 2, 3, 5, 10, 15 and 20 L.</p> <p>0.05 litre bottles, may or may not be packed, 30 x 0.05 litre to an outer corrugated fibreboard case.</p> <p>0.10 litre bottles, may or may not be packed 30 x 0.10 litre to an outer corrugated fibreboard case.</p> <p>0.15 litre bottles, may or may not be packed 20 x 0.15 litre to an outer corrugated fibreboard case.</p> <p>0.25 litre bottles, may or may not be packed 12 x 0.25 litre or 24 x 0.25 litre to an outer corrugated fibreboard case.</p> <p>0.50 litre bottles, may or may not be packed 10 x 0.50 litre or 20 x 0.50 litre to an outer corrugated fibreboard case.</p> <p>1 litre bottles, may or may not be packed 10 x 1 litre to an outer corrugated fibreboard case.</p> <p>2 litre bottles, may or may not be packed 8 x 2 litre to an outer corrugated fibreboard case.</p> <p>3 litre bottles, may or may not be packed 6 x 3 litre to an outer corrugated fibreboard case.</p> <p>5 litre bottles, may or may not be packed 2 x 5 litre, 3 x 5 litre or 4 x 5 litre to an outer corrugated fibreboard case</p> <p>10 litre jerrican, may or may not be packed 2x10litre to an outer corrugated fibreboard case</p> <p>15 litre jerrican, may or may not be packed 2x15litre to an outer corrugated fibreboard case</p> <p>20 litre jerrican may or may not be packed to an outer corrugated fibreboard case.</p> |
| Wall Thickness | min 0.2 mm |
| Opening: | 28 mm, 45 mm, 50 mm, 60 mm and 63 mm |
| Closure: | <p>Screw cap</p> <p>28mm – from 0.05L up to 0.15L bottles</p> <p>45mm – from 0.25L up to 2L bottles</p> <p>50mm – from 0.25L up to 2L bottles</p> <p>60mm – for 10L, 15L and 20L jerricans</p> <p>63mm – for 2L, 3L, 5L, 10L, 15L and 20L bottles/jerricans</p> |
| Seal: | Induction, bore, compression or vented |
| UN/ADR | Compliant |

| | |
|--|---------------|
| F7B-39-30 | Page 40 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

| | |
|--------------------------|----|
| Refillable or returnable | No |
|--------------------------|----|

Table 4.3-2: Packaging information for COEX HDPE/PA bottles

| Specific Requirement | Description |
|---------------------------|---|
| Material of Construction: | HDPE/PA |
| Manner of construction | Co-extruded |
| Barrier Material | PA |
| Shape/size: | <p>Square or round bottles and Jerrycans in size of 0.10, 0.50, 1, 2, 3, 5, 5.2, 6.2, 7, 10, 15 and 20 L.</p> <p>0.10 litre bottles may or may not be packed to an outer corrugated fibreboard case.</p> <p>0.50 litre bottles, may or may not be, packed 10 x 0.50 litre or 20 x 0.50 litre to an outer corrugated fibreboard case.</p> <p>1 litre bottles, may or may not be, packed 10 x 1 litre to an outer corrugated fibreboard case.</p> <p>2 litre bottles, may or may not be, packed 8 x 2 litre to an outer corrugated fibreboard case.</p> <p>3 litre bottles, may or may not be, packed 6 x 3 litre to an outer corrugated fibreboard case.</p> <p>5 litre bottles, may or may not be, packed 2 x 5 litre, 3 x 5 litre or 4 x 5 litre to an outer corrugated fibreboard case</p> <p>5.2 litre bottles may or may not be packed to an outer corrugated fibreboard case</p> <p>6.2 litre bottles may or may not be packed to an outer corrugated fibreboard case</p> <p>7 litre bottles may or may not be packed to an outer corrugated fibreboard case.</p> <p>10 litre jerrican, may or may not be, packed 2x10litre to an outer corrugated fibreboard case</p> <p>15 litre jerrican, may or may not be packed 2x15litre to an outer corrugated fibreboard case</p> <p>20 litre jerrican may or may not be packed to an outer corrugated fibreboard case.</p> |
| Wall Thickness | min 0.2 mm |
| Opening: | 28 mm, 45 mm, 50 mm, 60 mm and 63 mm |
| Closure: | <p>Screw cap</p> <p>28mm – from 0.05L up to 0.15L bottles</p> <p>45mm – from 0.25L up to 2L bottles</p> <p>50mm – from 0.25L up to 2L bottles</p> <p>60mm – for 10L, 15L and 20L jerricans</p> <p>63mm – for 2L, 3L, 5L,10L, 15L and 20L bottles/jerricans</p> |
| Seal: | Induction, compression or vented |
| UN/ADR | Compliant |
| Refillable or returnable | No |

Table 4.3-3: Packaging information for F-HDPE bottles

| Specific Requirement | Description |
|----------------------|-------------|
|----------------------|-------------|

| | |
|--|---------------|
| F7B-39-30 | Page 41 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

| | |
|---------------------------|---|
| Material of Construction: | HDPE |
| Manner of construction | Blow molding |
| Barrier Material | N/A |
| Shape/size: | <p>Bottles/Jerrican in size of 0.05, 0.10, 0.15, 0.25, 0.50, 1, 2, 3, 5, 10, 15 and 20L.</p> <p>0.05 litre bottles, may or may not be packed, 30 x 0.05 litre to an outer corrugated fibreboard case.</p> <p>0.10 litre bottles, may or may not be packed 30 x 0.10 litre to an outer corrugated fibreboard case.</p> <p>0.15 litre bottles, may or may not be packed 20 x 0.15 litre to an outer corrugated fibreboard case.</p> <p>0.25 litre bottles, may or may not be packed 12 x 0.25 litre or 24 x 0.25 litre to an outer corrugated fibreboard case.</p> <p>0.50 litre bottles, may or may not be packed 10 x 0.50 litre or 20 x 0.50 litre to an outer corrugated fibreboard case.</p> <p>1 litre bottles, may or may not be packed 10 x 1 litre to an outer corrugated fibreboard case.</p> <p>2 litre bottles, may or may not be packed 8 x 2 litre to an outer corrugated fibreboard case.</p> <p>3 litre bottles, may or may not be packed 6 x 3 litre to an outer corrugated fibreboard case.</p> <p>5 litre bottles, may or may not be packed 2 x 5 litre, 3 x 5 litre or 4 x 5 litre to an outer corrugated fibreboard case</p> <p>10 litre jerrican, may or may not be packed 2x10litre to an outer corrugated fibreboard case</p> <p>15 litre jerrican, may or may not be packed 2x15litre to an outer corrugated fibreboard case</p> <p>20 litre jerrican may or may not be packed to an outer corrugated fibreboard case.</p> |
| Wall Thickness | min 0.2 mm |
| Opening: | 28 mm, 45 mm, 50 mm, 60 mm and 63 mm |
| Closure: | <p>Screw cap</p> <p>28mm – from 0.05L up to 0.15L bottles</p> <p>45mm – from 0.25L up to 2L bottles</p> <p>50mm – from 0.25L up to 2L bottles</p> <p>60mm – for 10L, 15L and 20L jerricans</p> <p>63mm – for 2L, 3L, 5L,10L, 15L and 20L bottles/jerricans</p> |
| Seal: | Induction, compression or vented |
| UN/ADR | Compliant |
| Refillable or returnable | No |

The packaging complies with ADR regulations having been tested using the ADR test methods appropriate to the pack type and material and classification of the contents, and an appropriate UN certificate issued.

This packaging is compatible with the Plant Protection Product.

4.4 Procedures for the Destruction or Decontamination of the Plant Protection Product and its Packaging

4.4.1 Neutralisation procedures

Neutralization procedures for F7B-39-30 are leveraged from the read-across formulation GF-3206 and are not anticipated to differ for F7B-39-30. GF-3206 (trademark Loyant 25 Neo EC) does not require specific

| | |
|--|---------------|
| F7B-39-30 | Page 42 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

neutralisation. Any spilt material should be absorbed onto dry, inert material (e.g. sand) and swept up into labelled containers for disposal.

4.4.2 Controlled incineration

If destruction is necessary then incineration is recommended, however contact with the supplier should be made to evaluate the return of excess material before destruction is undertaken. Incineration (minimum 1220°C for 2 seconds) must take place in a facility approved to handle chemical waste.

As the halogen content is <60% there is no need for a pyrolysis study.

| | |
|--|---------------|
| F7B-39-30 | Page 43 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

Appendix 1 Lists of data considered in support of the evaluation

List of data submitted by the applicant and relied on

| Data point | Author(s) | Year | Title Company Report No. Source (where different from company) GLP or GEP status Published or not | Vertebrate study Y/N | Owner |
|--|----------------|-----------|---|-------------------------|---|
| CP 2.1/1 CP 2.4/1 CP 2.5/1 CP 2.5/2 CP 2.6/1 | Clapperton, R. | 2023 | Physical and Chemical Properties of F7B-39-30 including appearance, pH, viscosity, surface tension and relative density CORTEVA Report No.230062 Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, Indiana 46268 GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.2/1 CP 2.2/2 CP 2/3/1 | Michnik, I | 2023 | Oxidising Properties, Explosive Properties, and Flammability Testing on F7B-39-30 CORTEVA Report No.230063 Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, Indiana 46268 GLP/GEP (Y/N): Yes Published (Y/N): No <i>Final report will be available in May 2023</i> | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.7/1 CP 2.8.2/1 CP 2.8.6/1 | Bergner, D. | 2023 2024 | F7B-39-30 Two Weeks 54°C Accelerated Storage Stability in PET Packaging and One Week 0°C in Glass CORTEVA Report No.230094 Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, Indiana 46268 GLP/GEP (Y/N): Yes Published (Y/N): No <i>Final report will be available in May 2023</i> AMENDED VERSION due to an administrative error in the report archiving by the Study Director. The original report date 18 May 2023 has been replaced by 19 June 2024. The results and conclusions of this study are unaffected by this administrative error. | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.7/4 CP 2.8.2/2 CP 2.8.6/2 | Bergner, D. | 2023 2024 | F7B-39-30 Eight Weeks 40°C Accelerated Storage Stability in PET Packaging CORTEVA Report No.230093 Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, Indiana 46268 GLP/GEP (Y/N): Yes | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |

| | |
|--|---------------|
| F7B-39-30 | Page 44 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

| | | | | | |
|--|--|--|--|--|----------------------------------|
| | | | Published (Y/N): No Final report will be available in May 2023 AMENDED VERSION due to an administrative error in the report archiving by the Study Director. The original report date 18 May 2023 has been replaced by 19 June 2024. The results and conclusions of this study are unaffected by this administrative error. | | Protection, and Dow AgroSciences |
|--|--|--|--|--|----------------------------------|

List of data submitted or referred to by the applicant and relied on, but already evaluated at EU peer review

| Data point | Author(s) | Year | Title Company Report No Source (where different from company) GLP or GEP status Published or not | Vertebrate study (Y/N) | Owner |
|------------|---------------------|------|--|------------------------|---|
| CP 2 | Boles, K., Jeon, J. | 2018 | GF-3206 Tank Mix Compatibility Study for European Union Market CORTEVA Report No. Błąd! Użyj karty Narzędzia główne, aby zastosować Report Number do tekstu, który ma się tutaj pojawić. Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, Indiana 46268 GLP/GEP (Y/N): No Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2 | Grandcolas, D. | 2015 | Tank Mix Compatibility of GF-3479, An Herbicidal Formulation Containing 12 G/L Xde-848 Be + 160 G/L Cyhalofop-Butyl (Clincher), With Prospective Mixing Partners CORTEVA Report No. DAS-DH-15-1 Corteva Agriscience Europe, Drusenheim Laboratory, BP 20, 67410 Drusenheim, France GLP/GEP (Y/N): No Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.9 | Grandcolas, D. | 2015 | Tank Mix Compatibility of GF-3565, An Herbicidal Formulation Containing 12.5 G/L Xde-848 Be + 20 G/L Penoxsulam, With Prospective Mixing Partners CORTEVA Report No. DAS-DH-15-5 Corteva Agriscience Europe, Drusenheim Laboratory, BP 20, 67410 Drusenheim, France GLP/GEP (Y/N): No Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |

| | |
|--|---------------|
| F7B-39-30 | Page 45 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

| Data point | Author(s) | Year | Title Company Report No Source (where different from company) GLP or GEP status Published or not | Vertebrate study (Y/N) | Owner |
|--|-------------|------|--|------------------------------|---|
| CP 2.7/3 CP 2.8.2/4 CP 2.8.6/4 | Tidswell, J | 2018 | GF-3206 Three Year Ambient Storage Stability in and Compatibility with PET and F-HDPE Packaging CORTEVA Report No.15-014-G Corteva Agriscience LLC, Actives to Products R&D 89 Paritutu Road Private Bag 2017 New Plymouth, New Zealand GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.1/1 CP 2.1/2 CP 2.3/1 CP 2.5/2 CP 2.6/2 | Moe, T | 2015 | Determination of Color, Odor, Physical State, Oxidizing and Reducing Action, Flammability, pH, Viscosity, and Density of GF-3206, an End Use Product Containing XDE-848 BE CORTEVA Report No.FAPC-G-15-5 Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, Indiana 46268 GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.2/1 CP 2.2/2 CP 2.5/1 | Dunning, J. | 2015 | Determination of Explosive Properties, Oxidising Properties (liquids) and Kinematic Viscosity of GF-3206 CORTEVA Report No.NAFST-15-50 Huntingdon Life Sciences Occold Eye Suffolk IP23 7PX England GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.3/2 CP 2.5/3 CP 2.6/1 | Dunning, J. | 2016 | Determination of Relative Density, Surface Tension and Auto-Ignition Temperature (liquids and gases) of GF-3206 CORTEVA Report No. NAFST-15-183 Envigo CRS Limited Project identity WV60YS Eye, Suffolk IP23 7PX, England GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |

| | |
|--|---------------|
| F7B-39-30 | Page 46 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

| Data point | Author(s) | Year | Title Company Report No Source (where different from company) GLP or GEP status Published or not | Vertebrate study (Y/N) | Owner |
|--|---------------------------|------|--|------------------------------|---|
| CP 2.4/1 CP 2.7/1 CP 2.7/2 | Tidswell, J. | 2015 | GF-3206 Two Weeks 54°C Accelerated Storage Stability in PET and FHDPE Packaging and One Week 0°C in Glass CORTEVA Report No.15-010-G Corteva Agriscience (NZ) Ltd Actives to Products R&D 89 Paritutu Road Private Bag 2017 New Plymouth, New Zealand GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.4/1 CP 2.7/3 CP 2.8.2/3 CP 2.8.6/3 | Hofer, C. | 2016 | Three Year Warehouse Ambient Storage Stability of GF-3206 in PET and F-HDPE; Two Year Interim Report CORTEVA Report No. FOR-14-6.01 Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, Indiana 46268 GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.7./1 | Tidswell, J | 2015 | GF-3206 Two Weeks 54°C Accelerated Storage in COEX and Laminated Sachet Packaging and One Week 0°C Stability in Glass CORTEVA Report No.15-004-G Corteva Agriscience (NZ) Ltd Actives to Products R&D 89 Paritutu Road Private Bag 2017 New Plymouth, New Zealand GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |
| CP 2.7/3 | Tidswell, J Ralphs, C. | 2017 | GF-3206 2 Year Ambient Stability In and Compatibility with COEX Packaging CORTEVA Report No.15-005-G Corteva Agriscience (NZ) Ltd Actives to Products R&D 89 Paritutu Road Private Bag 2017 New Plymouth, New Zealand GLP/GEP (Y/N): Yes Published (Y/N): No | No | Corteva Agriscience (bringing together the global heritage businesses of Pioneer, DuPont Crop Protection, and Dow AgroSciences) |

| | |
|--|---------------|
| F7B-39-30 | Page 47 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

The following tables are to be completed by MS.

List of data submitted by the applicant and not relied on

| Data point | Author(s) | Year | Title Company Report No. Source (where different from company) GLP or GEP status Published or not | Vertebrate study Y/N | Owner |
|------------|-----------|------|---|-------------------------|-------|
| KCP XX | Author | YYYY | Title Company Report No Source GLP/non GLP/GEP/non GEP Published/Unpublished | Y/N | Owner |
| | | | | | |

List of data relied on and not submitted by the applicant but necessary for evaluation

| Data point | Author(s) | Year | Title Company Report No. Source (where different from company) GLP or GEP status Published or not | Vertebrate study Y/N | Owner |
|------------|-----------|------|---|-------------------------|-------|
| KCP XX | Author | YYYY | Title Company Report No Source GLP/non GLP/GEP/non GEP Published/Unpublished | Y/N | Owner |
| | | | | | |

| | |
|--|---------------|
| F7B-39-30 | Page 48 of 48 |
| Part B – Section 1,2-4 - Core Assessment | |
| Applicant version | August 2024 |

Appendix 2 Additional data on the physical, chemical and technical properties of the active substance florypyrauxifen-benzyl

No new data on the active substance submitted in the framework of this application.