

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2017-2831
Application: Changes to end-use product chemistry – Identity and proportion of formulants
Product: A15457 Fungicide
Registration Number: 31522
Active ingredient (a.i.): Benzovindiflupyr
PMRA Document Number : 2895986

Purpose of Application

The purpose of this application was to amend the registration A15457 Fungicide by adding a new formulation.

Chemistry Assessment

A15457 Fungicide is formulated as an emulsifiable concentrate containing benzovindiflupyr at a concentration of 100 g/L. This end-use product has a density of 1.039 g/cm³ and pH of 5.6. The required chemistry data for A15457 Fungicide have been provided, reviewed and found to be acceptable.

Health Assessments

A15457 Fungicide is of moderate oral, slight inhalation and low dermal toxicity in rats. It is corrosive to the eyes; however, non-irritating to the skin of rabbits. It is not a dermal sensitizer in mice.

Exposure assessments were not required for this application.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

Based on the efficacy data provided from 20 bridging trials, it was demonstrated that the new formulation is agronomically equivalent to the registered formulation. The formulation change is unlikely to result in any differences in product performance.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has determined that the updated product specifications and

additional manufacturing process for BAS 516 F ST can be supported.

References

PMRA Document Number	Reference
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2770343	2016, Benzovindiflupyr - A15457R - Document MIII, Section 1, DACO: 1.1.1,10.2.1,10.2.2,10.2.3.1,10.2.3.2,10.3.3,10.6,2.2,3.1.2,3.1.3,3.1.4,3.2.1,3.2.2,3.2.3,3.3.1,3.3.2,3.5.1,3.5.10,3.5.11,3.5.12,3.5.13,3.5.14,3.5.15,3.5.2,3.5.3,3.5.4,3.5.5,3.5.6,3.5.7,3.5.8,3.5.9,3.7,5.1,5.14,5.2,8.4.1,8.6 CBI
2770344	2016, Benzovindiflupyr - A15457R - Document H, DACO: 3.2.1 CBI
2770345	2017, Benzovindiflupyr A15457R Document J, DACO: 2.2,3.1.2,3.2.1,3.2.2,3.2.3,3.3.1,3.3.2,3.4.2,4.8 CBI
2770346	2016, Benzovindiflupyr - A15457R - Document MIII Section 2, DACO: 3.4.1 CBI
2770347	2016, Determination of SYN545192 in A15457R by UHPLC Analytical Method SF-868/1, DACO: 3.4.1 CBI
2770348	2016, A15457R - Physico-Chemical Studies of the Formulation, DACO: 3.5,3.5.1,3.5.10,3.5.11,3.5.12,3.5.14,3.5.2,3.5.3,3.5.6,3.5.7,3.5.8,3.5.9,3.7 CBI
2770349	2017, APROVIA (A15457R) Summary - Toxicology Profile, DACO: 4.1
2770350	2016, Benzovindiflupyr EC (A15457R) - Acute Oral Toxicity Study in Rats (Up and Down Procedure), DACO: 4.6.1
2770351	2016, Benzovindiflupyr EC (A15457R) - Acute Dermal Toxicity Study in Rats, DACO: 4.6.2
2770352	2016, Benzovindiflupyr EC (A15457R) - Acute (Four-Hour) Inhalation Study in Rats. Final Report., DACO: 4.6.3
2770353	2016, Benzovindiflupyr EC (A15457R) - Acute Eye Irritation Study in Rabbits, DACO: 4.6.4
2770354	2016, SYN545192 EC (A15457R) - In Vitro Test for Eye Corrosives and Severe Irritants in Isolated Chicken Eyes, DACO: 4.6.4
2770355	2016, Benzovindiflupyr EC (A15457R) - Primary Skin Irritation Study in Rabbits, DACO: 4.6.5
2770356	2016, Benzovindiflupyr EC (A15457R) - In Vitro Skin Irritation Test in the EPISKIN(TM) (SM) Model, DACO: 4.6.5
2770357	2016, Benzovindiflupyr EC (A15457R) - Local Lymph Node Assay in the Mouse, DACO: 4.6.6
2770361	2016, Evaluate Adepidyn (APN) 3 way, APN 2 way, and Trivapro compared to competitive standards for control of leaf diseases in cereals, DACO: 10.2.3.3
2770362	2016, Evaluate Adepidyn (APN) 3 way, APN 2 way, and Trivapro compared to competitive standards for control of leaf diseases in cereals., DACO: 10.2.3.3
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- 2770366 2017, Evaluate Solatenol and Adepidyn for residual control of leaf diseases in corn, DACO: 10.2.3.3
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- 2770369 2016, Evaluate Adepidyn for Control of Anthracnose in Lentils, DACO: 10.2.3.3
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- 2770373 2016, Evaluate Adepidyn (APN) 3 way, APN 2 way, and Trivapro compared to competitive standards for control of leaf diseases in cereals, DACO: 10.2.3.3
- 2770377 2016, Evaluate SDHI fungicide formulations for control of dollar spot and turf tolerance, DACO: 10.2.3.3
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- 2770382 2016, Evaluate Trivapro premix and APN formulations for disease control in cereals, DACO: 10.2.3.3
- 2770383 2016, Evaluate Trivapro premix and APN formulations for disease control in winter wheat - Dryland, DACO: 10.2.3.3
- 2770384 2016, Evaluate Trivapro premix and APN formulations for disease control in cereals, DACO: 10.2.3.3
- 2770385 2016, Evaluate Trivapro premix and APN formulations for disease control in spring wheat, DACO: 10.2.3.3
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