

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2017-5677
Application: Submissions subject to PPIP policy – Partial Data
Product: GF-242 Fungicide
Registration Number: 33348
Active ingredient (a.i.): Propiconazole
PMRA Document Number: 2922411

Purpose of Application

The purpose of this application was to register the end-use product GF-242 Fungicide, containing propiconazole, based on precedent under the PPIP program.

Chemistry Assessment

GF-242 Fungicide is formulated as an emulsifiable concentrate containing propiconazole at a concentration of 435 g/L. This end-use product has a density of 1.04 g/mL and pH of 5.36. The required chemistry data for GF-242 Fungicide have been provided, reviewed and found to be acceptable.

Health Assessments

GF-242 Fungicide was slightly acutely toxic by the oral route and of low acute toxicity by the dermal and inhalation routes. It was moderately irritating to the eyes and skin. GF-242 Fungicide is a potential skin sensitizer.

The use pattern of GF-242 Fungicide is not expected to result in an increase in the occupational or bystander exposure to propiconazole over the registered products. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No residue data for propiconazole were submitted to support the registration of GF-242 Fungicide under the PPIP program. The use pattern on the label of GF-242 Fungicide, including the formulation type, target crops, application rates, methods and timing of applications, number of applications, retreatment intervals, preharvest intervals, feeding/grazing restrictions, tank-mixes and other use directions or limitations, is equivalent to the registered use pattern on the precedent product label. The slight differences in formulation between GF-242 Fungicide and the precedent product are not expected to significantly impact the residues in/on food commodities.

Therefore, residues of propiconazole in/on treated food commodities are not expected to increase and will be covered under the maximum residue limits (MRLs) established for propiconazole. Consequently, the dietary exposure to residues of propiconazole is not expected to increase with the registration of the end-use product and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

No additional risk to the environment is expected from the registration of GF-242 Fungicide. The use pattern for this product fits within the registered use pattern for propiconazole. The environmental label statements are adequate, and no changes are required at this time.

Value Assessment

The registration of GF-242 Fungicide is based on a precedent product. The applicant submitted use history information from the US and Canada to support extrapolation of the claims from the precedent product to the GF-242 Fungicide label.

Propiconazole has been registered in Canada for many years and its efficacy against many plant diseases on multiple crops is well established, including those subject to this registration. The use history information substantiates the performance of GF-242 Fungicide when applied according to the use pattern. Based on the submitted value information, the products are considered to be biologically equivalent. Since the use patterns are comparable, GF-242 Fungicide is expected to provide similar levels of control of the listed diseases compared to the precedent product. The value information was sufficient to support extrapolation of all uses, including tank mixes, from the precedent product label to GF-242 Fungicide.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provide and has found it sufficient to support the registration of the end-use product GF-242 Fungicide.

References

PMRA Document Number	References
2508452	2015, Product Identification - GF-242 - Cat B New formulation, DACO: 3.1,3.1.1,3.1.2,3.1.3,3.1.4 CBI
2508453	2000, Group A-Product Identity, Composition, and Analysis and Group B-Physical and Chemical Properties of Propiconazole EC, DACO: 3.2.1,3.2.2,3.2.3,3.3.1,3.4.1,3.5 CBI
2508454	2000, Group B: Determination of Color, Physical State, Odor, Oxidizing and Reducing Action, Flammability, Explodability, pH, Viscosity and Density of GF-242,a Liquid End-Use Product Containing Propiconazole, DACO: 3.5,3.5.1,3.5.11,3.5.12,3.5.2,3.5.3,3.5.4,3.5.6,3.5.7,3.5.8,3.5.9 CBI
2508455	2012, Two-Week Accelerated Storage Stability and Package Corrosion Characteristics of GF-242 (Propiconazole EC) in F-HDPE, DACO: 3.5.10,3.5.14 CBI
2558566	2001, DACO 3.4.1 Enforcement Analytical Method - Response to questions on GF-242 Fungicide, DACO: 3.4.1 CBI
2508459	2015, Summary of Registered Propiconazole End-Use Products to Support the Registration of GF-242 Fungicide and GF-242H Fungicide, DACO: 10.1
2508460	2015, Agricultural Use History Template GF-242/GF-242H Fungicide, DACO: 10.1,10.2,10.3
2508463	2015, ADAMA Bumper 418 EC (Canada) Label, DACO: 10.6
2508465	2015, DAS Propimax (US) Label, DACO: 10.6

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