

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2015-6281
Application: New End-Use Product, Product Chemistry – Identity and Proportion of Formulants
Product: Fitness Fungicide
Registration Number: 32639
Active ingredients (a.i.): Propiconazole
PMRA Document Number: 2729843

Purpose of Application

The purpose of this application was to register Fitness Fungicide based on a precedent product.

Chemistry Assessment

Fitness Fungicide is formulated as an emulsifiable concentrate containing propiconazole at a nominal concentration of 418 g/L. This end-use product has a density of 1.05 g/mL and pH of 5.39 - 8. The required chemistry data for Fitness Fungicide have been provided, reviewed and found to be acceptable.

Health Assessments

Occupational and dietary exposure assessments were not required for this application.

Fitness Fungicide is moderately toxic via the oral route and of low toxicity via the dermal and inhalation routes in rats. It is moderately irritating to the eyes and slightly irritating to skin in rabbits. It is not a dermal sensitizer based on the modified Buehler assay in guinea pigs.

Environmental Assessment

No additional risk to the environment is expected from the registration of Fitness Fungicide. The use pattern for this product fits within the registered use pattern for propiconazole. The label statement for cranberry uses is required on the product label to minimize surface water contamination.

Value Assessment

Fitness Fungicide has been determined to be agronomically equivalent to the precedent product; therefore, all claims and uses were supported. The registration of Fitness Fungicide will provide a new product for growers to use and will lead to competition in the market place.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and has found the information sufficient to grant full registration for Fitness Fungicide.

References

PMRA Document Number	References
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2583948	2009, Product Chemistry, DACO: 3.5,3.5.1,3.5.11,3.5.2,3.5.3,3.5.6,3.5.7,3.5.9 CBI
2583951	2009, Storage Stability with Corrosion Characteristics, DACO: 3.5.14 CBI
2583950	2012, Stability of a Liquid Formulation, DACO: 3.5.10 CBI
2583949	2013, Acc. Storage Stability, DACO: 3.5.10 CBI
2618095	2013, Storage Stability, DACO: 3.5.10 CBI
2583947	2015, Certified Limits, DACO: 3.3.1 CBI
2583944	2015, Chemical and Physical Properties, DACO: 3.5.1,3.5.10,3.5.11,3.5.12,3.5.13,3.5.14,3.5.15,3.5.16,3.5.2,3.5.3,3.5.4,3.5.5,3.5.6,3.5.7,3.5.8,3.5.9 CBI
2583940	2015, Chemistry, DACO: 3.1.1,3.1.2,3.1.3,3.1.4
2583941	2015, Formulation, DACO: 3.2.1,3.2.2 CBI
2583943	2015, Product Analysis, DACO: 3.4.1 CBI
2679521	2016, DACO 3.2.2 Formulation Process, DACO: 3.2.2 CBI
2618094	2016, Enforcement Analytical Method, DACO: 3.4.1 CBI
2583954	2009, Acute Oral Toxicity Study (UDP) in Rats. DACO 4.6.1
2583956	2009, Acute Dermal Toxicity Study in Rats, DACO 4.6.2
2583958	2009, Acute Inhalation Toxicity Study in Rats, DACO 4.6.3
2583960	2009, Acute Eye Irritation Study in Rabbits, DACO 4.6.4
2583962	2009, Acute Dermal Irritation Study in Rabbits, DACO 4.6.5
2583964	2009, Skin Sensitization Study in Guinea Pigs, DACO 4.6.6

ISSN: 1911-8082

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