

Evaluation Report for Category B Subcategory 4.1 Application

Application Number: 2010-2023
Application: Conversion to full without consultation
Product: Quali-Pro Propiconazole 14.3 ME
Registration Number: 28797
Active ingredients (a.i.): Propiconazole, (PON)
PMRA Document Number : 2297547

Purpose of Application

The purpose of this application was for the conversion of Quali-Pro Propiconazole 14.3 ME (Registration Number 28797), previously named Bumper 14.3 ME, from conditional to full registration. The product was granted conditional registration under Submission No. 2005-3845.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A health assessment was not required for this application.

Environmental Assessment

Please refer to the Proposed Re-evaluation Decision Document (PRVD 2011-02) for a detailed review of the environmental fate and effects of propiconazole. Product-specific aquatic toxicity studies are required for products containing propiconazole due to significant differences in toxicity between the formulated product and the active ingredient alone. Data requirements for the conversion of Quali-Pro Propiconazole 14.3 ME (guarantee: 154.5 g propiconazole/L or 14.3%) to full registration were submitted to address its acute and chronic aquatic toxicity. The studies were reviewed, accepted and found to adequately address previously identified data gaps. Thus, no additional environmental data are required for the conversion of Quali-Pro Propiconazole 14.3 ME to full registration.

Based on the aquatic environmental risk assessment conducted under this application for the end-use product, Quali-Pro Propiconazole 14.3 ME, it was determined that this formulated product is more toxic than the active ingredient alone, and end-use product specific risk-reduction measures such as buffer zones and hazard/precautionary statements were added to the product label.

Value Assessment

A value assessment was not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to support the conversion of Quali-Pro Propiconazole 14.3 ME to full registration.

References

PMRA #	Citation
1581794	2007, Bumper 14.3 ME Acute immobilization test, (Static,48 hr) <i>Daphnia magna</i> , DACO: 9.3.2
1581796	2007, Bumper 14.3 ME Fish (Rainbow trout) Acute Toxicity test, Static, 96 h, DACO: 9.5.2.1
1581797	2007, Bumper (Propiconazole) 14.3 ME Fish (Bluegill sunfish) Acute Toxicity test, Static, 96 h, DACO: 9.5.2.2
1903063	2010, Propiconazole 14.3: Chronic Toxicity with the Water Flea, <i>Daphnia magna</i> , Exposed Under Static-Renewal Test Conditions, DACO: 9.3.3
1903064	2010, Propiconazole 14.3: Early Life-Stage Toxicity Test with the Fathead Minnow, <i>Pimephales promelas</i> , Under Flow-Through Test Conditions, DACO: 9.5.3.1

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