



Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2023-1979
Application: Application Subject to the Protection of Proprietary Interests in Pesticide Data (PPIP) Policy-Equivalency/Data Compensation Assessment
Applicant: Novatech Wood Protection Ltd.
Product: Novastat PQ
Registration Number: 35275
Active ingredients (a.i.): Propiconazole and Didecyldimethylammonium chloride
PMRA Document Number : 3590627

Purpose of Application

The purpose of this application was to register the end-use product Novastat PQ, based on a registered precedent product.

Chemistry Assessment

Novastat PQ is formulated as a solution containing propiconazole at a concentration of 4.5% and didecyldimethylammonium chloride (DDAC) at a concentration of 45.5%. This end-use product has a density of 0.939 g/mL at 20°C and pH of 6.27. The required chemistry data for Novastat PQ have been provided, reviewed and found to be acceptable.

Health Assessments

Novastat PQ was considered to be toxicologically equivalent to the registered precedent product; therefore, no toxicology data were required. Novastat PQ is considered to be of high acute toxicity via the oral and inhalation routes, and of low acute toxicity via the dermal route. It is considered to be corrosive to the eyes and skin, and is not considered a potential skin sensitizer.

The use pattern of Novastat PQ is comparable to the registered use pattern of the precedent product. Therefore, potential exposure for mixers, loaders, applicators, postapplication workers and bystanders is not expected to exceed the current exposure to the registered products of these active ingredients. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The antispain use of Novastat PQ on wood is within the currently registered use pattern for propiconazole and didecyldimethylammonium chloride. Therefore, the risk is acceptable when Novastat PQ is used in accordance with the label, which includes statements to mitigate risks to the environment.

Value Assessment

A comparison of the formulation of Novastat PQ to the cited precedent product, and the subsequent comparison of the use patterns, demonstrated that the differences between the two formulations are not expected to have an impact on the product's efficacy. As such, all uses on the precedent product label are acceptable for inclusion on the Novastat PQ product label.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of Novastat PQ.

References

PMRA

Document

Number

Reference

3464947	2023, Novastat PQ: Product Identity and Composition, Description of the Materials Used, Description of the Formulation Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method, DACO: 3.1,3.2,3.3.1,3.4 CBI
3464948	2023, Novastat PQ: Enforcement Analytical Method for the Determination of Propiconazole by High Performance Liquid Chromatography and Total Quat by Titration, DACO: 3.4.1
3464949	2023, Novastat PQ: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density, DACO: 3.5
3464950	2023, Novastat PQ: Accelerated Storage Stability and Corrosion Characteristics, DACO: 3.5.10

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