Health Canada Santé Canada

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2017-3966
Application: Submissions Subject to Protection of Proprietary Interest in Pesticide Data (PPIP) Policy – Partial Data
Product: Princeton Fungicide
Registration Number: 33840
Active ingredients (a.i.): Propiconazole
PMRA Document Number: 2926160

Purpose of Application

The purpose of this application was to register the end-use product Princeton Fungicide, containing propiconazole, based on precedent under the Protection of Proprietary Interest in Pesticide Data (PPIP) program.

Chemistry Assessment

Princeton Fungicide is formulated as an emulsifiable concentrate containing propiconazole at a concentration of 418 g/L. This end-use product has a specific gravity of 1.0932–1.1010 and pHof 6.24. The required chemistry data for Princeton Fungicide have been provided, reviewed and found to be acceptable.

Health Assessments

Princeton Fungicide is toxicologically equivalent to the precedent end-use product.Subsequently, no toxicological data were reviewed or are required.

The use of Princeton Fungicide for application to wheat, barley, oats, canola, corn, soybeans (grown for seed), dry edible beans, canary seeds, peaches, nectarines, plums, sweet and sour cherries, apricots, highbush and lowbush blueberries, Saskatoon berries, cranberries, caneberries (CSG 13A), strawberries, rutabagas, asparagus, Western Red Cedar, and Kentucky bluegrass grown for seed crops is not expected to result in potential occupational, residential or bystander exposure over the registered uses of propiconazole. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

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No residue data for propiconazole were submitted to support the registration of Princeton Fungicide under the Protection of Proprietary Interest in Pesticide Data Policy (PPIP). The supported use pattern on the label of Princeton 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 or more restrictive than the registered use pattern on the precedent products' labels.

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 Princeton Fungicide and will not pose health risks of concern to any segmentof the population, including infants, children, adults and seniors.

Environmental Assessment

No additional risk to the environment is expected from the registration of Princeton Fungicide. The use pattern for this product fits within the registered use pattern for propiconazole. Environmental concerns have been mitigated through adequate statements on the product label.

Value Assessment

A formulation comparison between Princeton Fungicide and the precedent products was conducted. It was concluded that Princeton Fungicide can be considered similar to the precedent products. Extrapolation of registered uses from labels of the precedent products to the Princeton Fungicide label is supported from a value perspective.

Conclusion

The Pest Management Regulatory Agency has completed the assessment of the available information and found it acceptable to support the registration of Princeton Fungicide.

References

PMRA Document	References
2791803	2017, Accelerated Storage Stability and Corrosion Characteristics of Propiconazole 41.8% EC, DACO: 3.5.10,3.5.14
2791804	2017, Additional Product Chemistry for Propimax Fungicide, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.5.12,3.5.13,3.5.15,3.5.4,3.5.5
2791806	2017, Appearance of Propiconazole 41.8% EC, DACO: 3.5.1,3.5.2,3.5.3
2791807	2017, Determination of Explosive Properties of Propioconazole 41.8% EC, DACO: 3.5.8
2791809	2017, Flash Point of Propiconazole 41.8% EC, DACO: 3.7
2791814	2017, Oxidizing Properties of Propioconazole 41.8% EC, DACO: 3.5.8
2791816	2017, pH of Propiconazole 41.8% EC, DACO: 3.5.7
2791820	2014, Propimax Fungicide Description of Process Formulation, DACO: 3.2.1,3.2.2 CBI
2791826	2017, Relative Density of Propiconazole 41.8% EC, DACO: 3.5.6
2791828	2017, Validation of Analytical Methods for the Determination of Active Ingredient Content of Propiconazole 41.8% EC, DACO: 3.4.1
2791829	2017, Viscosity of Propiconazole 41.8% EC, DACO: 3.5.9

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