



Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2017-6091
Application: Submissions Subject to Protection of Proprietary Interest in Pesticide Data (PPIP) Policy – Partial Data
Product: Diamante 4
Registration Number: 34413
Active ingredient (a.i.): Dimethoate
PMRA Document Number: 2849055

Purpose of Application

The purpose of this application was to register the end-use product Diamant 480 EC Insecticide based on a precedent product, for use on labelled food crops and ornamentals.

Chemistry Assessment

Diamant 480 EC Insecticide is formulated as an emulsifiable concentrate containing dimethoate at a concentration of 480 g/L. This end-use product has a density of 1.06 g/mL and pH of 3.8. The required chemistry data for Diamant 480 EC Insecticide have been provided, reviewed and found to be acceptable.

Health Assessments

Diamant 480 EC Insecticide was considered toxicologically equivalent to the precedent product; therefore, no toxicology data were required.

Use of Diamant 480 EC Insecticide according to label directions is not expected to result in occupational or bystander exposure over the registered uses of dimethoate. No health risks are expected when workers wear the appropriate personal protective equipment and follow all label directions, precautions and restrictions.

No residue data for dimethoate were submitted to support the registration of Diamant 480 EC Insecticide. Previously reviewed residue data from field trials conducted in/on various crops were reassessed in the framework of this application. No health risks of concern have been identified for any segment of the population including infants, children, adults and seniors.

Environmental Assessment

The use pattern (application rates, number of applications and use areas) and the method of application of Diamant 480 EC Insecticide are similar to those of the registered precedent product. Thus, no increase in environmental risk is expected. Environmental concerns have been mitigated through adequate statements on the product label.

Value Assessment

From a value perspective, use of Diamant 480 EC Insecticide was supported based on its similarity to a registered precedent product.

Conclusion

The Pest Management Regulatory Agency has completed the assessment of the available information and found it acceptable to support the registration of Diamant 480 EC Insecticide.

References

PMRA Document Number	References
2811902	2016, Dimethoate 480 g/L EC: Determination of the Physico-Chemical Properties, DACO: 3.5.1,3.5.11,3.5.2,3.5.3,3.5.6,3.5.9,3.7
2811903	2016, Dimethoate 480 g/L EC: Validation of the Analytical Method for the Determination of the Active Ingredient Content, DACO: 3.4.1
2811904	2017, Corrosion Characteristics, DACO: 3.5.10,3.5.14 CBI
2811905	2016, Description of Starting Materials, DACO: 3.2.1,3.2.2,3.2.3,3.3.1 CBI
2811918	2017, Additional Product Chemistry for Diamant 480 EC Insecticide, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.5.13,3.5.15,3.5.4,3.5.5,3.5.8
2834480	2017, Deficiency Response for Diamant 480 EC Insecticide, Sub. No. 2017-6091, DACO: 3.5.10
2848406	2018, Description of Starting Materials, DACO: 3.2.1,3.2.2,3.3.1 CBI
2893338	2018, Corrosion Characteristics, DACO: 3.5.10,3.5.14 CBI

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