

Evaluation Report for Category B, Subcategory 4.1 Application

Application Number: 2010-0647
Application: Conversion to full registration without consultation
Product: Kanemite 15 SC Miticide
Registration Number: 28641
Active ingredients (a.i.): Acequinocyl
PMRA Document Number English PDF: 2036039

Background

Kanemite 15 SC Miticide was first granted conditional registration on July 11, 2007. The product was granted conditional registration based on the registration status of Acequinocyl Technical, Registration Number 28639.

Purpose of Application

The purpose of this application was to request the conversion of Kanemite 15 SC Miticide, containing the technical Acequinocyl Technical, from conditional to full registration. A similar application has been made for Acequinocyl Technical (submission number 2010-0645).

Chemistry Assessment

All chemistry requirements were previously met therefore; a chemistry review was not required for this application.

Health Assessments

Toxicology data were not a requirement and were not provided for this application. As a result the toxicological profile has not changed. For the full toxicology assessment, please refer to the Evaluation Report ERC2007-10: *Acequinocyl*.

A health assessment of Kanemite 15 SC, containing 15.8% acequinocyl, has been conducted. It is not expected that exposure to mixer/loader/applicators and re-entry workers will increase over the exposure from the current conditionally registered uses.

Environmental Assessment

Kanemite 15 SC Miticide enters the environment when used as a miticide for the control of Two-spotted spider mite (*Tetranychus urticae*) and Spruce spider mite (*Oligonychus ununguis*) on field grown ornamentals and pome fruit across Canada. Additional studies on the acute toxicity of the major transformation product, 2-dodecyl-3-hydroxy-1,4-naphthalenedione, to daphnia were submitted to the PMRA as part of the condition of full registration. There are no additional risks to aquatic organisms, and thus, no additional mitigation measures are required. The current label has buffer zones ranging from 1 to 35 metres for the protection of freshwater and marine habitats.

Value Assessment

A value assessment was not required for this application as efficacy data requirements were previously met in the initial application.

Conclusion

The PMRA has completed an assessment of available information for this application and has found the information sufficient to support the full registration of Kanemite 15 SC Miticide.

References

PMRA

1861076 2-Hydroxy-3-Dodecyl-14-Naphthalenedione (HDNQ) - Acute Toxicity to Daphnids (*Daphnia magna*) Under Flow-Through Conditions

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