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Registration Decision

RD2022-08

98Sumithrin, MGK 3145 MUP, and MGK Formula 31451

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Registration decision statement¹ for 98Sumithrin

Health Canada's Pest Management Regulatory Agency (PMRA), under the authority of the *Pest Control Products Act*, is granting registration for the sale and use of S1-183 Technical Grade, containing the technical grade active ingredient 98Sumithrin, and the manufacturing concentrate MGK 3145 MUP and the end-use product MGK Formula 31451, containing the active ingredients 98Sumithrin and N-octyl bicycloheptene dicarboximide (MGK-264). MGK Formula 31451 is a pressurized spray that is applied indoors as a crack-and-crevice and spot treatment to furniture, including mattresses, to control bed bugs and bed bug eggs.

The co-active ingredient, MGK-264, is an insecticide synergist that is always co-formulated with one or more active ingredients belonging to the synthetic pyrethroids and pyrethrins group. It enhances the pesticide properties of other insecticides and is registered for a wide spectrum of insect pests in or on stored food and feed, structures, companion animals, human habitat and recreational areas, human skin, clothing and proximal sites, and outdoor residential areas. For details see the Re-evaluation Decision RVD2019-10, *N-Octyl bicycloheptene dicarboximide (MGK-264) And Its Associated End-use Products* and the Proposed Re-evaluation Decision PRVD2017-15, *N-Octyl bicycloheptene dicarboximide (MGK-264) And Its Associated End-use Products*.

This decision is consistent with the Proposed Registration Decision PRD2022-07, *98Sumithrin, MGK 3145 MUP and MGK Formula 31451*, which contains a detailed evaluation of the information submitted in support of this registration. The evaluation found that, under the approved conditions of use, the health and environmental risks and the value of the pest control products are acceptable. Health Canada received no comments on PRD2022-07.

Other information

The relevant test data on which the decision is based (as referenced in PRD2022-07) are available for public inspection, upon application, in the PMRA's Reading Room (located in Ottawa). For more information, please contact the PMRA's [Pest Management Information Service](#).

Any person may file a notice of objection² regarding this registration decision within 60 days from the date of publication of this Registration Decision. For more information regarding the basis for objecting (which must be based on scientific grounds), please refer to the [Pesticides section](#) of the Canada.ca website ([Request a Reconsideration of Decision](#)) or contact the PMRA's Pest Management Information Service.

¹ "Decision statement" as required by subsection 28(5) of the *Pest Control Products Act*.

² As per subsection 35(1) of the *Pest Control Products Act*.