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Re-evaluation Decision

RVD2019-13

# Iron (Present as Ferrous Sulfate Monohydrate and Ferrous Sulfate Heptahydrate) and Its Associated End-use Products

*Final Decision*

*(publié aussi en français)*

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## Re-evaluation Decision

Under the authority of the *Pest Control Products Act*, all registered pesticides must be regularly re-evaluated by Health Canada's Pest Management Regulatory Agency (PMRA) to ensure that they continue to meet current health and environmental safety standards and that they continue to have value. The re-evaluation considers data and information from pesticide manufacturers, published scientific reports, and other regulatory agencies. Health Canada applies internationally accepted risk assessment methods as well as current risk management approaches and policies.

Iron present as ferrous sulfate monohydrate or ferrous sulfate heptahydrate (hereafter referred to as ferrous sulfate) is an herbicide used to control the growth of moss in turf and lawns. Currently registered products containing ferrous sulfate are listed in Appendix I.

Health Canada has completed the re-evaluation for ferrous sulfate, and this document presents the final regulatory decision.<sup>1</sup> All pest control products containing ferrous sulfate that are registered in Canada are subject to this re-evaluation decision. This re-evaluation decision has gone through a 90-day consultation period as Proposed Re-evaluation Decision PRVD2019-01, *Iron (Present as Ferrous Sulfate Monohydrate and Ferrous Sulfate Heptahydrate) and Its Associated End-use Products*.<sup>2</sup>

No comments were received during the consultation process. Therefore, this decision is consistent with the proposed re-evaluation decision stated in PRVD2019-01 with label statements updated to the current standard.

A reference list of all data used as the basis for the re-evaluation decision can be found in PRVD2019-01.

### Regulatory Decision

Under the authority of the *Pest Control Products Act*, Health Canada has determined that continued registration of products containing ferrous sulfate is acceptable. Following a scientific review of the available information, Health Canada has determined that the health and environmental risks and the value of ferrous sulfate continue to be acceptable provided that the label updates, as listed in Appendix II, are implemented.

This document presents the final regulatory decision for the re-evaluation of ferrous sulfate. To comply with this decision, the required label amendments must be implemented on all product labels sold by registrants no later than 24 months after the publication date of this document. Registrants of products containing ferrous sulfate will be informed of the specific requirements affecting their product registration(s) and of the regulatory options available to them.

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

<sup>2</sup> "Consultation statement" as required by subsection 28(2) of the *Pest Control Products Act*.

## Other Information

Any person may file a notice of objection<sup>3</sup> regarding this decision on ferrous sulfate within 60 days from the date of publication of this Re-evaluation 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.

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<sup>3</sup> As per subsection 35(1) of the *Pest Control Products Act*.

## Appendix I Registered Products Containing Iron (Present as Ferrous Sulfate Monohydrate and Ferrous Sulfate Heptahydrate)

**Table 1 Registered Products Containing Iron (Present as Ferrous Sulfate Monohydrate and Ferrous Sulfate Heptahydrate) as of 18 July 2019**

Registration Number	Marketing Class	Registrant	Product Name	Formulation Type
23866	Manufacturing	Loveland Products Canada Inc.	EVERGRO FERROUS SULFATE	Granular
23873	Technical	QC Corporation	FERROUS SULFATE HEPTAHYDRATE	Solid
23874	Technical	QC Corporation	FERROUS SULFATE MONOHYDRATE	Solid
23875	Technical	Scotts Canada Ltd	FERROUS SULFATE	Solid
23876	Manufacturing	Premier Tech Ltd.	WILSON MOSSOUT FERROUS SULFATE	Granular
31162	Commercial	Terralink Horticulture Inc.	RICHGROW MOSS CONTROL	Soluble Granules
33026	Commercial	Terralink Horticulture Inc.	RICHGROW MOSS CONTROL BROADCAST GRADE	Soluble Granules

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## **Appendix II      Label Amendments for Products Containing Iron (present as ferrous sulfate monohydrate or heptahydrate)**

The label amendments presented below do not include all label requirements for individual end-use products, such as first aid statements, disposal statements, precautionary statements, and supplementary protective equipment. Information on labels of currently registered products should not be removed unless it contradicts the label statements provided below.

### **FOR ALL END-USE PRODUCT LABELS:**

I) Under **PRECAUTIONS:**

**Replace** “DO NOT allow entry into treated areas until the surface is dried.” **with** “DO NOT enter or allow entry into treated areas until sprays have dried.”

II) **Replace** the “**ENVIRONMENTAL HAZARDS**” heading **with** “**ENVIRONMENTAL PRECAUTIONS**”

III) The following statements must be included in a section entitled **ENVIRONMENTAL PRECAUTIONS:**

“To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.”

“Avoid application when heavy rain is forecast.”

“Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.”

### **FOR RICHGROW MOSS CONTROL REGISTRATION NO. 31162:**

I) On the principal display panel:

**Replace** “KEEP OUT OF REACH OF CHILDREN.” **with** “KEEP OUT OF REACH OF CHILDREN AND PETS.”

II) Under **PRECAUTIONS:**

**Replace** “KEEP OUT OF REACH OF CHILDREN.” **with** “KEEP OUT OF REACH OF CHILDREN AND PETS.”

**Replace** “Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools, and recreational areas is minimal.” **with** “Apply only when the potential for drift to non-target areas of human habitation and human activity is minimal.”

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**FOR RICHGROW MOSS CONTROL BROADCAST GRADE, REGISTRATION NO. 33026:**

D) Under PRECAUTIONS remove the following statement:

“Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools, and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.”