Re-evaluation Decision RVD2022-08

Dried Blood and Its Associated End-use Products

Final Decision

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Re-evaluation decision for dried blood and associated end use products

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 health and environmental safety standards and continue to have value. The re-evaluation considers information from various sources such as data and information from pesticide manufacturers and other regulatory agencies, as well as comments received during public consultations. Health Canada applies internationally accepted risk assessment methods as well as risk management approaches and policies.

Dried blood is an outdoor animal repellent used against deer, elk, hares and rabbits to prevent feeding/browsing damage to established and seedling conifers, as well as outdoor ornamentals. Dried blood end-use products are formulated either as a soluble powder (to be mixed with water and applied by dipping or spraying using pressurized hand or backpack equipment) or as a ready-to-use solution. Currently registered products containing dried blood are listed in Appendix I.

This document presents the final regulatory decision[1] for the re-evaluation of dried blood. All pest control products containing dried blood that are registered in Canada are subject to this re-evaluation decision. Prior to finalizing this decision, Health Canada published the Proposed Re-evaluation Decision PRVD2021-11, *Dried Blood and Its Associated End-use Products*,[2] for 90-day consultation.

No comments were received during the consultation period. Therefore, this decision is consistent with the proposed re-evaluation decision stated in PRVD2021-11.

A reference list of all data used as the basis for the re-evaluation decision is included in PRVD2021-11.

Regulatory decision for dried blood and its associated end-use products

Health Canada has completed the re-evaluation for dried blood. Under the authority of the *Pest Control Products Act*, Health Canada has determined that continued registration of products containing dried blood is acceptable. Following a scientific review of the available information, Health Canada has determined that the health and environmental risks and the value of dried blood continue to be acceptable provided that the required mitigation measures are implemented. Label amendments, as summarized below and listed in Appendix II, are required. No additional data are required at this time.

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

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

Risk mitigation measures

Registered pesticide product labels include specific directions for use. Directions must be followed by law and include risk mitigation measures to protect human health and the environment. The following label amendments are included as part of the re-evaluation:

Human health

- Update to standard label statements (wording related to good hygiene practices)

Environment

- Updates to standard label statements (environmental precautions, directions for use, disposal and storage)

Next steps

To comply with this decision, the required amendments (label updates) must be implemented on all product labels no later than 24 months after the publication date of this decision document. Accordingly, both registrants and retailers will have up to 24 months from the date of this decision document to transition to selling the product with the newly amended updated labels. Similarly, users will also have the same 24-month period from the date of this decision document to transition to using the newly amended updated labels, which will be available on the Public Registry. Appendix I lists the products containing dried blood that are registered under the authority of the *Pest Control Products Act* and impacted by this re-evaluation decision.

Other information

Any person may file a notice of objection[3] regarding this decision on dried blood 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 Canada.ca (Request a Reconsideration of Decision) or contact the PMRA's Pest Management Information Service.

The relevant confidential test data on which the decision is based (as referenced in PRVD2021-11) are available for public inspection, upon application, in the PMRA's Reading Room. For more information, please contact the PMRA's Pest Management Information Service.

[3] As per subsection 35(1) of the *Pest Control Products Act*.

Appendix I Registered products containing dried blood in Canada as of 30 March 2022

Table 1 Registered products containing dried blood in Canada as of 30 March 2022[1]

Registration number	Marketing class	Registrant	Product name	Formulation type	Guarantee (%)
27410	T	Tree World Plant Care Products, Inc.	Plantskydd Dried Blood Technical Grade Active Ingredient	Solid	99.84%
27411	C	Tree World Plant Care Products, Inc.	Plantskydd Deer Repellent Soluble Powder Concentrate	Soluble Powder Concentrate	99.84%
27656	C	Tree World Plant Care Products, Inc.	Plantskydd Deer Repellent Pre-Mixed RTU Formulation	Pre-Mixed RTU Formulation	16.7%
27413	D	Tree World Plant Care Products, Inc.	Plantskydd Deer Repellent Pre-Mixed RTU Solution	Pre-mixed RTU Solution	16.7%
27657	D	Tree World Plant Care Products, Inc.	Plantskydd Deer Repellent Soluble Powder	Soluble Powder	99.84%

[1] as of 30 March 2022, excluding discontinued products or products with a submission for discontinuation

T = technical grade; C = commercial-class; D = domestic-class; RTU = ready-to-use

Appendix II Required label updates for products containing dried blood

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.

The following label statements are required:

I. For domestic-class products containing dried blood

i. Under the PRECAUTIONS section, replace the following statement

"For good hygiene practice, wear gloves when handling this product."

With

"For good hygiene practice, wear waterproof gloves when handling this product."

ii. Under DIRECTIONS FOR USE section, add the following:

"DO NOT apply to any body of water."

"DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes."

iii. Under the DISPOSAL section, add the following statement:

"Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites."

iv. Under the STORAGE section, include the following statement:

"Store this product away from food or feed."

II. For commercial-class products containing dried blood

i. Under the PRECAUTIONS section, replace the following statement

"For good occupational hygiene, wear long pants, long-sleeved shirt, and chemically-resistant gloves during mixing, loading, application, and clean-up and repair."

With

"For good hygiene practice, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair."

ii. Under DIRECTIONS FOR USE, add the following:

"DO NOT apply to any body of water."

"DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes."

iii. Under the STORAGE section, include the following statement

"Store this product away from food or feed."