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Re-evaluation Decision

RVD2018-15

Aminoethoxyvinylglycine Hydrochloride and Its Associated End-use Products

Final Decision Document

(publié aussi en français)

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This document is published by the Health Canada Pest Management Regulatory Agency. For further information, please contact:

Publications
Pest Management Regulatory Agency
Health Canada
2720 Riverside Drive
A.L. 6607 D
Ottawa, Ontario K1A 0K9

Internet: canada.ca/pesticides
hc.pmra.publications-arla.sc@canada.ca
Facsimile: 613-736-3758
Information Service:
1-800-267-6315 or 613-736-3799
hc.pmra.info-arla.sc@canada.ca

Canada 

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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 continue to have value. The re-evaluation considers data and information from pesticide manufacturers, published scientific reports and other regulatory agencies. The PMRA applies internationally accepted risk assessment methods as well as current risk management approaches and policies.

Aminoethoxyvinylglycine hydrochloride (also referred as aviglycine hydrochloride) is a plant growth regulator for use in apples. It is used as a harvest management tool to control fruit drop and delay maturity which allows growers to better schedule harvesting and avoid losses from dropped apples. Currently registered products containing aminoethoxyvinylglycine hydrochloride are listed in Appendix I.

This document presents the final regulatory decision¹ for the re-evaluation of aminoethoxyvinylglycine hydrochloride including the required updated risk mitigation measures to protect the environment. All pest control products containing aminoethoxyvinylglycine hydrochloride 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 PRVD2017-14, *Aminoethoxyvinylglycine Hydrochloride*.²

No comments were received during the consultation process. Therefore, this decision is consistent with the proposed re-evaluation decision stated in PRVD2017-14.

A reference list of all data used as the basis for the re-evaluation decision is included in PRVD2017-14.

Regulatory Decision for Aminoethoxyvinylglycine Hydrochloride

The PMRA has completed the re-evaluation for aminoethoxyvinylglycine hydrochloride. Under the authority of the *Pest Control Products Act*, the PMRA is granting continued registration of products containing aminoethoxyvinylglycine hydrochloride for sale and use in Canada. An evaluation of available scientific information found that the uses of aminoethoxyvinylglycine hydrochloride products do not present unacceptable risks to human health or the environment when used according to the conditions of registration, including amended label directions (Appendix II). No additional data are requested 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 direction for use. Directions include risk mitigation measures to protect the environment and must be followed by law.

Environment

- Updated buffer zone and label statements to protect non-target aquatic organisms.

Next Steps

To comply with this decision, the required mitigation measures must be implemented on all products labels sold by registrants no later than 24 months after the publication date of this decision document. Appendix I lists the pesticide products containing aminoethoxyvinylglycine hydrochloride that are registered under the authority of the *Pest Control Products Act*.

Other Information

Any person may file a notice of objection³ regarding this decision on aminoethoxyvinylglycine hydrochloride 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 and Pest Management portion of the Canada.ca website (Request a Reconsideration of Decision) or 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 Aminoethoxyvinylglycine Hydrochloride as of 22 February 2018.**Table 1 Registered Products Containing Aminoethoxyvinylglycine Hydrochloride as of 22 February 2018**

Registration Number	Marketing Class	Registrant	Product Name	Formulation Type	Guarantee
25608	Technical	Valent BioSciences Corporation	ReTain Technical Powder	Soluble powder	86.0%
25609	Commercial		ReTain Plant Growth Regulator		15.0%

Appendix II Label Amendments for Commercial Class End-Use Products Containing Aminoethoxyvinylglycine hydrochloride

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.

A submission to request label revisions will be required within 90 days of finalization of the re-evaluation decision.

Add to ENVIRONMENTAL PRECAUTIONS:

TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

Add to DIRECTIONS FOR USE:

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply by air.

Buffer zones:

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, wetlands) and estuarine/marine habitats.

Buffer Zones Required

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:			
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:	
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Airblast sprayer	Apples	Late growth stage	3	1	3	1

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator found on the Drift Mitigation page of the Pesticides and Pest Management portion of the Canada.ca web site.