

Evaluation Report for Category B, Subcategories 3.1, 3.4 Application

Application Number: 2021-5247
Application: Changes to Product Labels-Application Rate Increase or Decrease, Application Method
Product: Velpar DF VU Herbicide
Registration Number: 31766
Active ingredient (a.i.): hexazinone
PMRA Document Number: 3430903

Purpose of Application

The purpose of this application was to reduce the size of the spray buffer zones on the label of the registered product Velpar DF VU Herbicide by modifying the application rate and parameters. Following the publication of SRD2019-01, *Special Review Decision: Hexazinone and Its Associated End-use Products*; the spray buffer zones of this and other end-use products containing hexazinone were significantly increased in order to address risks to terrestrial vascular plants and aquatic organisms. In the current submission, reduction of the application rate and changes to the application parameters (droplet size and maximum wind speed) have been made to address these environmental risks.

Health Assessments

The use of Velpar DF VU Herbicide as a ground or aerial application on non-cropland areas under Use Site Category 4 (Forest and Woodlots) for control of grasses and weeds, with amendments to the registered label to reduce the maximum yearly application rate and to revise the buffer zones for woodland management applications, is not expected to exceed current exposure to this active ingredient. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

No new residue data for hexazinone were submitted and none are required to support the reduction of the maximum application rate on the registered Velpar DF VU Herbicide product label and adjustment of the buffer zone values for aerial application for woodland management. The decrease in the yearly maximum application rate does not impact dietary exposure and as such, there are no health risks of concern identified for any segment of the population.

A toxicology assessment was not required for this application.

Environmental Assessment

The amendments to the use pattern of Velpar DF VU Herbicide to reduce the spray buffer zones by reducing the application rate, increasing the droplet size, and reducing the

maximum wind speed during application are acceptable. No additional risk to the environment is expected when used according to the label directions.

Chemistry and Value Assessments

Chemistry and value assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to reduce the size of the spray buffer zones on the label of Velpar DF VU Herbicide by modifying the application rate and parameters.

References

None

© His Majesty the King in Right of Canada, as represented by the Minister of Health Canada, 2023

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of Health Canada, Ottawa, Ontario K1A 0K9.