



Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2024-1073
Application: Application Subject to Protection of Proprietary Interests in Pesticide Data (PPIP) Policy – Equivalency/Data Compensation Assessment
Applicant: Tide International Canada, Inc.
Product: Rowstrike 25 SG
Registration Number: 35951
Active ingredient (a.i.): Rimsulfuron
PMRA Document Number : 3728411

Purpose of Application

The purpose of this application was to register the end-use product, Rowstrike 25 SG, based on registered precedent products.

Chemistry Assessment

Rowstrike 25 SG is formulated as soluble granules containing rimsulfuron at a concentration of 25.0%. This end-use product has a density of 0.5–0.6 g/mL and a pH of 6.0–8.0. The required chemistry data for Rowstrike 25 SG have been provided, reviewed, and found to be acceptable.

Health Assessments

Rowstrike 25 SG is considered toxicologically equivalent to the registered precedent products; therefore, no toxicology data were required. Rowstrike 25 SG is considered to be of low toxicity via the oral and dermal routes. It is considered to be slightly toxic via the inhalation route, minimally irritating to the eye, non-irritating to the skin, and is not considered to be a dermal sensitizer.

The use pattern of Rowstrike 25 SG is comparable to the registered use patterns of the precedent products. Therefore, potential exposure for mixers, loaders, applicators, bystanders, and postapplication workers is not expected to exceed the current exposure to the registered products of rimsulfuron. No health risks of concern are expected for workers and bystanders when label directions, precautions, and restrictions are followed.

No new residue data for rimsulfuron were submitted or were required to support the registration of Rowstrike 25 SG. Previously reviewed residue data were re-assessed in the framework of this application.

The use directions on the Rowstrike 25 SG label, including the target crops, methods and rates, timing and number of applications, geographic restrictions, preharvest intervals, feeding/grazing restrictions, crop rotation restrictions, as well as

any other use direction, restriction, or limitation are comparable to those on the labels of the registered precedent end-use products.

Based on this assessment, residues are not expected to be greater than those from the currently registered uses and will be covered by the established maximum residue limits (MRLs). Consequently, dietary exposure to residues of rimsulfuron is not expected to increase with the registration of Rowstrike 25 SG and will not pose health risks of concern to any segment of the population, including infants, children, adults, and seniors.

Environmental Assessment

The use pattern of Rowstrike 25 SG is within the currently registered use pattern of rimsulfuron, and its formulation is not expected to increase environmental risk compared to the currently registered formulation. Therefore, the environmental risk is acceptable when Rowstrike 25 SG is used in accordance with the label, which includes statements to mitigate risks to the environment.

Value Assessment

Registration of a generic product may increase product competition, which may in turn reduce purchasing costs of similar products.

Value information submitted for review consisted of data from crop tolerance and efficacy field trials. Side-by-side treatments within the trials compared Rowstrike 25 SG to the registered precedent products. This data collectively demonstrated that Rowstrike 25 SG performs similarly to the registered precedent products and would not be expected to result in unacceptable efficacy or crop tolerance, when applied according to label directions.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of Rowstrike 25 SG.

References

PMRA Document Number	Reference
3368971	2020, The Formulation Process of Tide Rimsulfuron 25 SG, DACO: 3.2.2 CBI
3368973	2021, Physical and Chemical Characterization of Tide Rimsulfuron 25 WG, DACO: 3.4,3.5 CBI
3566355	2024, Value Assessment of Tide Rimsulfuron 25 SG Herbicide-Compilation of Trial Reports, DACO: 10.1

3566356	2024, Value Assessment of Tide Rimsulfuron 25 SG Herbicide, DACO: 10.1
3566359	2024, Tide Rimsulfuron 25SG EST-1 Efficacy, DACO: 10.2.3
3718922	2025, Description of the Formulation Process of Tide Rimsulfuron 25 SG Herbicide-Amended, DACO: 3.2.2 CBI

© His Majesty the King in Right of Canada, as represented by the Minister of Health Canada, 2025

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.