

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2022-6343
Application: Changes to End-use Product (Product Chemistry) - Identity of Formulants and Proportion of Formulants
Product: Spur-M Herbicide
Registration Number: 34458
Active ingredients (a.i.): Clopyralid and MCPA (present as 2-ethylhexyl ester)
PMRA Document Number: 3535990

Purpose of Application

The purpose of this application was to add alternate formulations and amend the currently registered formulation of Spur-M Herbicide.

Chemistry Assessment

Spur-M Herbicide is formulated as an emulsifiable concentrate containing clopyralid at 50 g/L and MCPA at 280 g/L (present as 2-ethylhexyl ester). This end-use product has a density of 1.014 g/mL and pH of 2.92. The chemistry requirements for Spur-M Herbicide have been fulfilled.

Health Assessment

The supported alternate formulations are considered toxicologically equivalent to the registered product with the addition of skin irritation and severe eye irritation potential. Therefore no toxicology data were required for these formulations. Spur-M Herbicide is considered to be of slight acute toxicity by the oral, dermal and inhalation routes of exposure. It is considered to be severely irritating to the eye and moderately irritating to the skin, and is not considered to be a skin sensitizer.

Occupational and dietary exposure assessments were not required for this application.

Environmental Assessment

The environmental assessment concluded that potential risks posed by the alternate formulations for Spur-M Herbicide are acceptable. The label includes all the required environmental precautions, directions for use and spray buffer zones information which adequately mitigate risks to the environment.

Value Assessment

The alternate formulations of Spur-M Herbicide are expected to perform similarly to the original formulation, both in terms of efficacy and crop tolerance.

Multiple formulations provide the registrant flexibility in formulating the pest control product based on the availability and relative cost of the formulants.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to add alternate formulations and amend the currently registered formulation of Spur-M Herbicide.

References

None.

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