

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4 and 3.13 Application

Application Number: 2016-4919
Application: B.2.1: New Guarantee
B.2.3: New Identity of Formulants
B.2.4: New Proportion of Formulants
B.3.13: New Product Label - Precautions
Product: Prestige XL Herbicide
Registration Number: 31428
Active ingredients (a.i.): Clopyralid + Fluroxypyr + MCPA (present as esthers)
PMRA Document Number: 2824228

Purpose of Application

The purpose of this application was to amend the registration of Prestige XL Herbicide to include additional alternate formulations.

Chemistry Assessment

Prestige XL Herbicide is formulated as an emulsifiable concentrate containing fluroxypyr, present as 1-methylheptyl ester, clopyralid and MCPA, present as 2-ethylhexyl ester at nominal concentrations of 61.56 g/L, 42.72 g/L and 239.5 g/L, respectively. This end-use product has a density of 1.015 g/mL and pH of 2.71. The required chemistry data for Prestige XL Herbicide have been provided, reviewed and found to be acceptable.

Health Assessments

Prestige XL Herbicide is considered to be slightly acutely toxic by the oral route in rats and of low acute toxicity by the dermal and inhalation routes in rats. It is considered to be corrosive to rabbit eye, severely irritating to the skin, and a skin sensitizer.

The alternate formulations of Prestige XL Herbicide will not result in any risk to human health provided label directions and precautionary statements are followed.

Environmental Assessment

No new environmental data were submitted to support this application to add alternate formulations of Prestige XL Herbicide (PCP No. 31428) and none were required. When comparing the alternate formulations to the registered formulations, no additional environmental risk is expected from the registration of the alternate formulations. Environmental concerns are mitigated through adequate label statements and no increase in environmental risk is anticipated.

Value Assessment

The alternate formulations are intended to improve mixing of Prestige XL Herbicide in water, particularly in hard water conditions.

It was determined that differences between the alternate formulations and currently registered products are unlikely to impact product performance, as determined by a comparison of formulation specifications and crop tolerance data generated in small-scale field trial studies.

Conclusion

The PMRA has reviewed the information provided in support of the alternate formulations of the Prestige XL Herbicide. Based on the results of this review, the alternate formulations are acceptable for registration.

References

- 2727007 2017, ARM Efficacy Trials-6 Field Reports, DACO: 10.2.3.3
- 2707387 2016, Chemistry Rationale for Adding Alternate Formulation, Prestige XL (2016-4919), Reg # 31428, DACO: 3.7 CBI

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