

Evaluation Report for Category B, Subcategory 2.3 Application

Application Number: 2022-4451
Application: Changes to Product Chemistry-Identity of Formulants
Product: Primextra II Magnum Agricultural Herbicide
Registration Number: 29358
Active ingredients (a.i.): s-metolachlor (and r-enantiomer) and atrazine
PMRA Document Number: 3584002

Purpose of Application

The purpose of this application was to amend the registration of Primextra II Magnum Agricultural Herbicide to include a new source of a formulant.

Chemistry Assessment

Primextra II Magnum Agricultural Herbicide is formulated as a suspension containing S-metolachlor and R-enantiomer at a concentration of 400 g/L and atrazine and related triazines at a concentration of 320 g/L. This end-use product has a density of 1.12 g/mL and pH of 6 - 8. The chemistry requirements for this product have been fulfilled.

Health Assessments

A toxicological assessment was not required for this application.

No new occupational exposure data were submitted or were required to support the amendment to the registration of the end-use product Primextra II Magnum Agricultural Herbicide to add a new alternate source of a formulant.

Occupational and bystander exposure from the use of Primextra II Magnum Agricultural Herbicide, containing an alternate source of the formulant, to control weeds in corn under Use Site Categories (USCs) 13 (Terrestrial Feed Crops), 14 (Terrestrial Food Crops), and 7 (Industrial Oilseed and Fibre Crops), is not expected to exceed the current exposure to registered uses. Previously conducted risk assessments on file for the active ingredients s-metolachlor and atrazine are adequate to support all uses and *no* health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

No new residue data were submitted or were required to support the amendment to the registration of Primextra II Magnum Agricultural Herbicide to add a new alternate source of a formulant. Previously reviewed residue data on file for the active ingredients s-metolachlor and atrazine were adequate to support the uses of Primextra II Magnum Agricultural Herbicide.

Exposure to residues of *s*-metolachlor and atrazine with the application of Primextra II Magnum Agricultural Herbicide in/on treated food commodities is not expected to be greater than that from the current uses and will be covered under the established MRLs. Consequently, dietary exposure to residues of *S*-metolachlor and atrazine is not expected to increase with the addition of the alternate formulant, and will not pose health risks of concern to any segment of the population, including infants, children, adults, and seniors.

Environmental Assessment

The addition of a new source of formulant for Primextra II Magnum Agricultural Herbicide is not expected to lead to any additional risks to the environment.

Value Assessment

A value assessment was 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 amend the source of the formulant.

References

None

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