

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2018-4011
Application: Submissions Subject to Protection of Proprietary Interest in Pesticide Data (PIIP) Policy – Equivalency/Data Compensation Assessment
Product: TriCor 4Q Herbicide
Registration Number: 33911
Active ingredient (a.i.): Metribuzin
PMRA Document Number: 3036249

Purpose of Application

The purpose of this application was to register the end-use product, TriCor 4Q Herbicide, containing metribuzin, based on a precedent under the Protection of Proprietary Interest in Pesticide Data (PIIP) program.

Chemistry Assessment

TriCor 4Q Herbicide is formulated as a suspension containing metribuzin at a concentration of 480 g/L. This end-use product has a density of 1.14 – 1.18 g/cm³ and pH of 7.37. The required chemistry data for TriCor 4Q Herbicide have been provided, reviewed and found to be acceptable.

Health Assessments

TriCor 4Q Herbicide was considered toxicologically equivalent to the precedent product. Subsequently, no toxicology data were submitted or are required.

The use of TriCor 4Q Herbicide on various crops to control grasses and broadleaf weeds is not expected to result in occupational or bystander exposure over the registered use of metribuzin. No unacceptable risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No residue data for metribuzin were provided. Previously reviewed residue data were reassessed in the framework of this application. The dietary exposure assessment on file is considered adequate to cover the residues of metribuzin expected from the use of this product. No health risks of concern have been identified for any segment of the population including infants, children, adults and seniors.

Environmental Assessment

As the active ingredients, application rates, application methods, targeted pests, and host crops are similar to the cited precedent product, the registration of TriCor 4Q Herbicide will not pose any additional risks to the environment. When used according to label directions, environmental risks are acceptable for TriCor 4Q Herbicide.

Value Assessment

The availability of TriCor 4Q Herbicide will provide users with another option to control both grasses and broadleaf weeds in a variety of crops. Registration of a generic product may increase product competition, which may in turn reduce the purchasing costs of similar products.

The formulation of TriCor 4Q Herbicide was compared to the formulation of the cited precedent product. The differences between the formulations are unlikely to impact product performance, in terms of both efficacy and crop tolerance. Therefore, all uses and claims found on the precedent product label are supported for inclusion on the TriCor 4Q Herbicide label.

Conclusion

The Pest Management Regulatory Agency has completed the assessment of the available information and found it acceptable to support the registration of TriCor 4Q Herbicide.

References

PMRA Document Number	References
2913637	2003, Appearance (Colour, Physical State and Odour) of Metribuzin 4F (41% w/w), DACO: 3.5.1,3.5.2,3.5.3
2913638	2005, Storage Stability and Corrosion Characteristics of Metribuzin 4F (41% w/w), DACO: 3.5.10,3.5.14
2913639	2003, Density of Metribuzin 4F (41 % w/w), DACO: 3.5.6
2913640	2004, Viscosity Metribuzin 4F (41 % w/w), DACO: 3.5.9
2913641	2003, pH of Metribuzin 4F (41 % w/w), DACO: 3.5.7
2913649	2018, Product Chemistry for TriCor 4F Herbicide containing Metribuzin, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.4.1,3.5.11,3.5.12,3.5.13,3.5.15,3.5.4,3.5.5
2913651	2018, TriCor 4F Herbicide: Physical and Chemical Characteristics: Oxidation/Reduction, DACO: 3.5.8
2913652	2017, Finished Product Specifications for TRICOR 4F - Particle Size, DACO: 3.7
2913653	[CBI Removed, 2017, TriCor 4F Herbicide Product Identity, Composition and Analysis, DACO: 3.2.1,3.2.2,3.2.3,3.3.1 CBI
2913654	CIPAC, 1984, Metribuzin 283, DACO: 3.4.1
3018618	2017, TriCor 4F Herbicide Product Identity, Composition and Analysis (Group A) Amended, DACO: 3.2.1,3.2.2,3.2.3,3.3.1 CBI

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