

Evaluation Report for Category B, Subcategory 3.1, 3.12 Application

Application Number: 2011-0754
Application: B.3.1 (Product labels - application rate increase)
B.3.12 (Product labels - new site or host)
Product: Echo 90DF Agricultural Fungicide
Registration Number: 29356
Active ingredients (a.i.): Chlorothalonil (TET)
PMRA Document Number: 2170653

Purpose of Application

The purpose of this application was to add chickpeas, dry peas, lentils, wheat, onion (dry bulb and green bunching), parsnips, sweet corn, blueberries, cherries (sour), cranberries, peaches, nectarines, strawberries, evening primrose and ginseng to the Echo 90DF Agricultural Fungicide label from a similar product Echo 720 Agricultural Fungicide (Registration number 29355).

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The acute toxicology of Echo 90DF Agricultural Fungicide is low by the oral and dermal routes, but moderate by the inhalation route in rats. It is extremely corrosive or irritating to the eyes and mildly irritating to the skin of rabbits. This product is a dermal sensitizer in guinea pigs. No new toxicology data were required.

The uses of Echo 90DF Agricultural Fungicide fit within the registered use pattern for chlorothalonil. The potential exposure for mixers, loaders, applicators and postapplication re-entry workers is not expected to exceed the current exposure to registered products. The occupational exposure data support the uses of Echo 90DF Agricultural Fungicide.

No new food residue chemistry data were submitted for chlorothalonil to support the proposed new uses on the Echo 90DF Agricultural Fungicide label. The precedent product, Echo 720 Agricultural Fungicide and Echo 90DF Agricultural Fungicide are considered to be biologically equivalent; therefore, all the uses from Echo 720 Agricultural Fungicide can be extrapolated to Echo 90 DF Agricultural Fungicide as proposed by the applicant.

The use directions and restrictions as approved on the Echo 90DF Agricultural Fungicide label are identical to those on the Echo 720 Agricultural Fungicide label. Based on this assessment, the dietary exposure to chlorothalonil is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

As the intended use pattern and label is similar to that of Echo 720 Agricultural Fungicide which contains the same active ingredient, no further information is required at this time. Although there is no potential increase in the environmental exposure and impact from that of the currently registered use of chlorothalonil, the buffer zones and label statements were amended based on the re-evaluation of chlorothalonil (PRVD2011-14).

Value Assessment

Since Echo 720 Agricultural Fungicide and Echo 90DF Agricultural Fungicide were deemed biologically equivalent based on efficacy bridging trials from related products and the proposed use sites/crops and rates are in line with the registered uses on Echo 720 Agricultural Fungicide, the proposed claims on the Echo 90 DF Agricultural Fungicide label are supported.

Conclusion

The PMRA has completed an assessment of the available information and is able to support the addition of the proposed use sites/crops to the label of Echo 90DF Agricultural Fungicide.

References

None.

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