



## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2017-7288  
**Application:** Application subject to the Protection of Proprietary Interests in Pesticide Data Policy  
**Product:** MPower Himalaya Herbicide  
**Registration Number:** 33370  
**Active ingredients (a.i.):** Flucarbazone (present as flucarbazone-sodium)  
**PMRA Document Number:** 2938952

### Purpose of Application

The purpose of this application was to register a new herbicide product containing flucarbazone by a new registrant based on a precedent product.

### Chemistry Assessment

MPower Himalaya Herbicide is formulated as a wettable granule containing flucarbazone (present as flucarbazone-sodium) at a concentration of 66%. The chemistry requirements for this product have been fulfilled.

### Health Assessments

The product MPower Himalaya Herbicide is considered to be of low acute oral, dermal and inhalation toxicity. It is considered to be moderately irritating to the eyes and mildly irritating to skin. It is not considered to be a dermal sensitizer.

MPower Himalaya Herbicide fits within the registered use pattern for the active ingredient flucarbazone (present as flucarbazone-sodium). The risks assessments on file for flucarbazone are adequate to address the potential exposure the use of MPower Himalaya Herbicide. No health risks of concern are expected when workers follow the label directions, and wear the personal protective equipment identified on the label.

No new residue data for flucarbazone (present as flucarbazone-sodium) were submitted to support the registration of MPower Himalaya Herbicide. The use pattern on the label of MPower Himalaya Herbicide, including target crops, application rates, methods and timing of applications, number of applications, retreatment intervals, preharvest intervals, feeding/grazing restrictions, tank-mixes and other use directions or limitations, is equivalent to the registered use pattern on the cited precedent product's label. Therefore, residues of flucarbazone in/on treated food commodities are not expected to increase and will be covered under the maximum residue limits (MRLs) established for this active ingredient (<http://pr-rp.hc-sc.gc.ca/mrl-lrm/index-eng.php>).

Consequently, the dietary exposure to residues of flucarbazone is not expected to increase with the registration of the end-use product and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

### **Environmental Assessment**

The use pattern of MPower Himalaya Herbicide is within the previously registered use pattern for flucarbazone. No additional risk to the environment is expected from the registration of MPower Himalaya Herbicide, provided that the environmental label statements are followed.

### **Value Assessment**

The availability of MPower Himalaya Herbicide will provide farmers with another option to control both grasses and broadleaf weeds in spring and durum wheat. Registration of a generic product may increase product competition, which may in turn reduce the purchasing costs of similar products.

The formulations of MPower Himalaya Herbicide were compared to the formulation of the cited precedent product. The differences between the formulations are unlikely to result in any significant impact on product performance, in terms of both efficacy and crop tolerance. The agronomic equivalence between MPower Himalaya Herbicide and the cited precedent product was established. Therefore, all uses and claims found on the precedent product label are supported for inclusion on the MPower Himalaya Herbicide label from a value perspective.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and is able to support the registration of MPower Himalaya Herbicide.

## **References**

None.

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