



Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2021-0894
Application: Submission subject to the Protection of Proprietary Interests in Pesticide Data (PIIP) policy - Equivalency/Data Compensation Assessment
Product: Fluazinam 500 SC
Registration Number: 35103
Active ingredient (a.i.): Fluazinam
PMRA Document Number: 3432514

Purpose of Application

The purpose of this application was to register a commercial end-use product, Fluazinam 500 SC, for the control of dollar spot, anthracnose, microdochium patch and brown patch on turf, based on a precedent product.

Chemistry Assessment

Fluazinam 500 SC is formulated as a suspension containing fluazinam at a concentration of 500 g/L. This end-use product has a density of 1.22 – 1.28 g/mL and pH of 6.5 – 8.5. The required chemistry data for Fluazinam 500 SC have been provided, reviewed and found to be acceptable.

Health Assessments

Fluazinam 500 SC is of low acute toxicity via the oral, dermal and inhalation routes of exposure. It is mildly irritating to the eyes and slightly irritating to the skin and it is not a skin sensitizer.

The use pattern of Fluazinam 500 SC is comparable to the registered use pattern of the precedent product. Therefore, potential exposures for mixers, loaders, applicators, bystanders, postapplication workers and adults, youth and children entering treated residential settings, are not expected to exceed the current exposures to the registered products of this active ingredient. No health risks of concern are expected for workers, bystanders, adults, youth and children when label directions, precautions and restrictions are followed.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The use of Fluazinam 500 SC will not pose any additional risks to the environment. The required environmental precautions statements and spray buffer zones to mitigate risks to the environment are included in the label. When used according to label directions, the environmental risks are acceptable for Fluazinam 500 SC.

Value Assessment

Based on a formulation comparison to an acceptable precedent product, Fluazinam 500 SC can be expected to control dollar spot, anthracnose, microdochium patch and brown patch on turf when applied according to the use pattern. The registration of Fluazinam 500 SC will provide turf managers with an alternative product to manage labelled diseases.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of Fluazinam 500 SC.

References

PMRA

Document

Number	Reference
3206059	2021, Chemistry-3.1.1-3.1.4, 3.5.3-3.5.5, 3.5.14-Fluazinam 500 SC-15feb2021, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.5.14,3.5.3,3.5.4,3.5.5
3206060	2020, Product identity and composition, Description of materials used to produce the product, Description of Formulation Process, Discussion of formation of impurities, Certified Limits and Submittal of Samples for MCW 465 500 SC, DACO: 3.2.1,3.2.2,3.2.3
3206061	2006, Validation of analytical HPLC method for determination of active substance content in a suspension concentrate formulation containing fluazinam, DACO: 3.4.1
3206062	2008, Accelerated Storage Stability of MCW 465 500 SC, DACO: 3.4.1,3.5.10
3206063	2019, MCW 465 500 SC-3.5.1,2,6,7- FSD_070419, DACO: 3.5.1,3.5.2,3.5.6, 3.5.7 CBI
3206065	2006, Physicochemical Properties of MCW 465 50 SC, DACO: 3.5.11,3.5.12, 3.5.8,3.5.9
3206066	2006, Acute Oral Toxicity Study of MCW465 500 SC Formulation in Rats, DACO: 4.6.1
3206067	2006, Acute Dermal Toxicity Study of MCW465 500 SC Formulation in Rats, DACO: 4.6.2
3206068	2008, MCW465 500 SC (Fluazinam) Acute Inhalation Toxicity Study (nose only) in Rats, DACO: 4.6.3
3206069	2006, Acute Eye Irritation (corrosion) Test of MCW465 500 SC in Rabbits, DACO: 4.6.4
3206070	2006, Acute Dermal Irritation (corrosion) Test (patch test) of MCW465 500 SC in Rabbits, DACO: 4.6.5
3206071	2006, Examination of MCW465 500 SC Formulation in the Skin Sensitization Test in Guinea Pigs According to Magnusson and Kligman (Maximisation Test), DACO: 4.6.6

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