



Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2018-6341
Application: Submissions Subject to Protection of Proprietary Interest in Pesticide Data (PIIP) Policy – Equivalency/Data Compensation Assessment
Product: Troyshield FSP40
Registration Number: 33676
Active ingredient (a.i.): Sodium omadine (also known as sodium pyrithione)
PMRA Document Number: 3043611

Purpose of Application

The purpose of this application was to register the material preservative, Troyshield FSP40, based on a precedent under the Protection of Proprietary Interests in Pesticide Data (PIIP).

Chemistry Assessment

Troyshield FSP40 is formulated as a solution containing sodium omadine at a concentration of 40.3 %. This end-use product has a density of 1.222 g/ cm³ and pH of 7.69. The chemistry requirements for this product have been fulfilled.

Health Assessments

A food residue exposure assessment was not required for this application.

Troyshield FSP40 is considered to be of slight acute toxicity via the oral and dermal routes, and of moderate acute toxicity via the inhalation route of exposure. Troyshield FSP40 is considered to be severely irritating to the eyes, moderately irritating to the skin, and is not expected to be a potential dermal sensitizer.

The use of Troyshield FSP40 as a material preservative is not expected to result in potential occupational or bystander exposure over the registered use of sodium pyrithione. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

Environmental Assessment

The use pattern is within the currently registered use pattern for sodium omadine. No additional risk to the environment is expected from the registration of Troyshield FSP40.

Value Assessment

The availability of Troyshield FSP40 will provide manufacturers of treated articles with another option to control microbial growth in materials such as latex emulsions, metal working fluids and gypsum wallboard. The registration of a new product may increase product competition, which may in turn reduce the purchasing costs of similar products.

The formulation of Troyshield FSP40 was compared to the formulation of the cited precedent product. The differences between the formulations were considered minor, which are unlikely to result in any significant impact on product performance, in terms of efficacy. The microbiological equivalence between this product and the cited precedent products can be established. Therefore, all uses and claims found on the precedent product labels are supported for inclusion on the Troyshield FSP40 label from a value perspective.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and has found it sufficient to support the registration of Troyshield FSP40.

References

None

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