



Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2021-5829
Application: Changes to Product Labels – Application Rate Increase
Product: THOR ACTICIDE MV MICROBIOCIDE
Registration Number: 30222
Active ingredients (a.i.): 2-methyl-4-isothiazolin-3-one and 5-chloro-2-methyl-4-isothiazolin-3-one
PMRA Document Number: 3414257

Background

The re-evaluation decision RRD2005-11, *5-Chloro-2-methyl-3(2H)-isothiazolone and 2-Methyl-3(2H)-isothiazolone*, required the maximum application rates of products containing these two active ingredients (whose names have subsequently been updated) to be reduced to mitigate occupational exposure risks of concern. Consequently, the maximum application rates of THOR ACTICIDE MV MICROBIOCIDE were reduced at that time.

Purpose of Application

The purpose of this application was to restore the maximum application rates of THOR ACTICIDE MV MICROBIOCIDE for paints and coatings, adhesives, inks and building materials, lattices and metalworking fluids.

Chemistry Assessment

A chemistry assessment was not required with this application.

Health Assessments

The toxicology studies submitted as part of this application have been previously evaluated. It was determined that this information would not impact the previously established toxicology reference value for use in the quantitative dermal sensitization risk assessment for this combination of active ingredients.

The restoration of maximum application rates of paints, coatings, adhesives, inks, building materials, lattices and metalworking fluid is not expected to result in potential occupational or bystander exposure over the registered use as a material preservative. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

A dietary exposure assessment was not required with this application.

Environmental Assessment

When used in accordance with label directions, the environmental risks associated with the increase in the maximum application rates for THOR ACTICIDE MV MICROBIOCIDE are acceptable.

Value Assessment

The labelled application rates were compared to the previously registered label for the product in order to re-instate rates that were shown to have value. As the rates match, the labelled application rates were found to be acceptable.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the restoration of the maximum application rates of THOR ACTICIDE MV MICROBIOCIDE as the health risks identified in RRD2005-11 have been addressed with updated health risk assessments conducted to register the same maximum rates for other products belonging to the same registrant.

References

None

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