

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 3.1, 3.12, 3.14 Application

Application Number: 2018-2375
Application: New End-Use Product Chemistry – Guarantee, Identity and Proportion of Formulants;
New End-Use Product Label – Application Rate Increase or Decrease, New Site or Host and Classifications
Product: Troyguard IP99
Registration Number: 33510
Active ingredient (a.i.): 3-Iodo-2-propynyl butyl carbamate
PMRA Document Number : 3017270

Purpose of Application

The purpose of this application was to register a new material preservative, Troyguard IP99, to control fungi in household cleaning products and laundry detergents and additives.

Chemistry Assessment

Troyguard IP99 is formulated as solution containing 3-iodo-2-propynyl butyl carbamate at a concentration of 99.00%. This end-use product has a density of 1.51-1.57 g/mL. The required chemistry data for Troyguard IP99 have been fulfilled.

Health Assessments

Troyguard IP99 is slightly acutely toxic via the oral and inhalation routes, and of low acute toxicity via the dermal route. Troyguard IP99 is mildly irritating to the skin but is considered to be corrosive to the eyes, and is considered to be a potential dermal sensitizer.

The use of Troyguard IP 99 as a material preservative in cleaning products and laundry detergents and additives is not expected to result in potential occupational, residential or bystander exposure over the registered use of this active. 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 for this application.

Environmental Assessment

The use of Troyguard IP99 as a material preservative is within the currently registered use pattern of 3-iodo-2-propynyl butyl carbamate; therefore, no additional risk is expected from the use of Troyguard IP99. The label includes all the required environmental precautions, hazards and directions for use statements, which adequately mitigates risks to the environment.

Value Assessment

Troyguard IP99 was compared to a registered precedent product and was supported from a value perspective.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the registration of Troyguard IP99.

References

None

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