

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

Application Number: 2018-2371
Application: New End-Use Product Chemistry – Guarantee, Identity and Proportion of Formulants;
New End-Use Product Label – Application Rate Increase or Decrease and New Site or Host
Product: Troyguard IP20
Registration Number: 33509
Active ingredient (a.i.): 3-Iodo-2-propynyl butyl carbamate
PMRA Document Number : 3016867

Purpose of Application

The purpose of this application was to register a new material preservative, Troyguard IP20, to control fungi in household, consumer, industrial, institutional and janitorial cleaning products.

Chemistry Assessment

Troyguard IP20 is formulated as solution containing 3-iodo-2-propynyl butyl carbamate at a concentration of 20%. This end-use product has a density of 1.04 kg/L and pH of 7.2-7.3. The required chemistry data for Troyguard IP20 have been fulfilled.

Health Assessments

Troyguard IP20 is considered to be of low acute toxicity via the oral and dermal routes, and slightly acutely toxic via the inhalation route. Troyguard IP20 is considered to be moderately irritating to the eyes and skin, and is considered to be a potential dermal sensitizer.

The use of Troyguard IP20 as a material preservative in cleaning products 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 IP20 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 IP20. The label includes all the required environmental precautions, hazards and directions for use statements, which adequately mitigates risks to the environment.

Value Assessment

Troyguard IP20 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 IP20.

References

None

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