

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2017-3386
Application: New End-Use Product Chemistry – Identify and Proportion of Formulants
Product: Noxfish Fish Toxicant II
Registration Number: 33247
Active ingredient (a.i.): Rotenone
PMRA Document Number: 2923351

Purpose of Application

The purpose of this application was to register Noxfish Fish Toxicant II, a restricted-class end-use product, based on a precedent product.

Chemistry Assessment

Noxfish Fish Toxicant II is formulated as an emulsifiable liquid containing rotenone at a nominal concentration of 5.0%. This end used product has a density of 1.0336 g/mL and pH of 6.38. The chemistry requirements for this product have been fulfilled.

Health Assessments

Noxfish Fish Toxicant II is highly acutely toxic via the oral and inhalation routes of exposure, and of slight acute toxicity to via the dermal route. It is a moderate eye and skin irritant. Noxfish Fish Toxicant II is not expected to be a potential dermal sensitizer.

Noxfish Fish Toxicant II for use in lakes, ponds, reservoirs and streams to eradicate fish is not expected to increase exposures to mixers/loaders/applicators, post-application workers and bystanders when compared to those from the precedent product. No risks of concern are expected when workers follow the label directions and wear the personal protective equipment identified on the label.

A dietary exposure assessment was not required for this application.

Environmental Assessment

No environmental data were submitted to support this submission and none are required. No additional risk to the environment is expected from the registration of Noxfish Fish Toxicant II as the product fits within the registered use pattern for rotenone.

Value Assessment

Value information consisted of a rationale that Noxfish Fish Toxicant II is based on the precedent product and its use pattern. The formulation changes are not expected to negatively impact product performance. This rationale was acceptable. Noxfish Fish Toxicant II is expected to provide control of fish in lakes, ponds, reservoirs, and streams.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to support the registration of Noxfish Fish Toxicant II.

References

PMRA Document Number	References
2445171	2014, 3.1.1-3.1.4, DACO: 3.1.1,3.1.2,3.1.3,3.1.4 CBI
2445172	2013, Regalia: Product Chemistry and Composition, DACO: 3.2.1,3.2.2,3.2.3,3.4.1,3.4.2,3.5.1,3.5.13,3.5.2,3.5.3,3.5.9 CBI
2445173	2014, Flammability DACO 3.5.12 Explodability, DACO: 3.5.11,3.5.12 CBI
2445175	2014, Dielectric Breakdown Voltage, DACO: 3.5.15 CBI
2445176	2014, 3.5.4, DACO: 3.5.4 CBI
2445177	2014, 3.5.5, DACO: 3.5.5 CBI
2445178	2013, Regalia: Storage Stability and Corrosion Characteristics at 25 C, DACO: 3.5.10,3.5.14,3.5.6,3.5.7,3.5.9 CBI
2445179	2014, Oxidizing and Reducing Action (Chemical Incompatibility) of Regalia Fungicide Liquid Concentrate, DACO: 3.5.8 CBI
2539184	2015, Description of Starting Materials, DACO: 3.2.1 CBI
2781240	2015, RF2232 Liquid FT Request for Waiver of Tier 1 Pesticide Data Requirements, DACO: 4.6.1,4.6.2,4.6.3,4.6.4,4.6.5,4.6.6
2781241	2016, Use Site Description for Noxfish Fish Toxicant II, DACO: 5.2
2798655	2017, Value Dossier, DACO: 10.1 CBI

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