

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2019-6948
Application: Submissions Subject to Protection of Proprietary Interests in Pesticide Data (PPIP) Policy - Equivalency/Data Compensation Assessment
Product: O-TAC Plant Contact Agent
Registration Number: 34722
Active ingredients (a.i.): n-Decanol, n-Octanol
PMRA Document Number :3379014

Purpose of Application

The purpose of this application was to register O-TAC Plant Contact Agent for tobacco sucker control in flue-cured, burley and cigar tobacco, based on a precedent product.

Chemistry Assessment

O-TAC Plant Contact Agent is formulated as an emulsifiable concentrate containing *n*-octanol at a concentration of 36.6% and *n*-decanol at a concentration of 47.4%. This end-use product has a density of 0.85 g/cm³ and pH of 6.8. The required chemistry data for O-TAC Plant Contact Agent have been provided, reviewed and found to be acceptable.

Health Assessments

Aliphatic alcohols are considered to be of low acute oral, dermal and inhalation toxicity, severely and sometimes non-reversibly irritating to the eye, slightly to moderately irritating to the skin, and generally not skin sensitizers.

Occupational risk to individuals handling and applying O-TAC Plant Contact Agent is acceptable when the product is used according to label directions. Precautionary, personal protective equipment and directions for use statements on the product label aimed at mitigating user exposure are adequate to protect individuals from any potential risk due to occupational exposure.

Bystander exposure will not result in health risks of concern when the product is used according to label directions. Consequently, the risk to bystanders and individuals in residential areas is acceptable.

There are no dietary (food or drinking water) concerns when the product is used according to label directions.

Environmental Assessment

After a scientific review of the available information, the PMRA has concluded that the environmental risks associated with the use of O-TAC Plant Contact Agent are acceptable when used according to the label directions.

Value Assessment

The formulation of O-TAC Plant Contact Agent was compared to the applicant-cited precedent product. Based on this comparison, it was concluded that these products are expected to perform similarly, both in terms of efficacy and crop tolerance. Therefore, all uses and claims included in the registration of the precedent product are acceptable for O-TAC Plant Contact Agent.

The availability of O-TAC Plant Contact Agent would provide Canadian tobacco growers an additional product to manage suckering on flue-cured tobacco.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register O-TAC Plant Contact Agent.

References

PMRA

Document

Number	Reference
3067051	2019, Pest Management Regulatory Agency Data Requirements (End Use Product), DACO: 3.1,3.1.1,3.1.2,3.1.3,3.1.4,3.2,3.2.1,3.2.2,3.2.3,3.3.1,3.4,3.4.1,3.4.2,3.5,3.5.1,3.5.10,3.5.11,3.5.12,3.5.13,3.5.14,3.5.15,3.5.2,3.5.3,3.5.4,3.5.5,3.5.6,3.5.7,3.5.8,3.5.9 CBI
3067053	2008, [CBI Removed] O-TAC Description of Formulation Process, DACO: 3.5.4 CBI
3067054	2008, [CBI Removed] O-TAC Storage Stability Corrosion Characteristics, DACO: 3.5.10,3.5.14,3.5.5 CBI
3067058	2013, Product Chemistry : [CBI Removed] O-TAC Plant Contact [CBI Removed], DACO: 3.5.1,3.5.2,3.5.3,3.5.6,3.5.7 CBI
3067060	Fair Products, Inc., 2019, O-TAC Plant Contact Agent Safety Data Sheet, DACO: 3.5.11
3291965	2021, Final Report for: Method Validation of O-TAC Plant Contact Agent, , DACO: 3.4.1 CBI
3291967	2021, Enforcement Method for the 1-Octanol and 1-Decanol Content in O-TAC Plant Contact Agent, DACO: 3.4.1
3104435	2020, Use Description/Scenario, DACO: 5.2

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