

Evaluation Report for Category B, Subcategory 2.5, 3.1, 3.5, 3.10, 3.11, 3.12 and 3.13 Application

Application Number: 2015-0876
Application: New End-Use Product Chemistry – Formulation Type
New End-use Product Label – Application Rate Decrease, Rotational Crops, Tank Mixes, New Pests, New Site, and Precautions
Product: Odyssey Ultra NXT A (A Component of Odyssey Ultra NXT Herbicide Tank Mix)
Registration Number: #####
Active ingredients (a.i.): Imazethapyr, Imazamox
PMRA Document Number : 2628506

Purpose of Application

The purpose of this application was to register one of the components, Odyssey Ultra NXT A (A Component of Odyssey Ultra NXT Herbicide Tank Mix), containing the active ingredients imazethapyr and imazamox, to be used in the tank mix concept product, Odyssey Ultra NXT Herbicide Tank Mix, for use as a herbicide on terrestrial food and feed crops. The second component of the new tank mix concept product was Odyssey Ultra NXT B (A Component of Odyssey Ultra NXT Herbicide Tank Mix), containing the active ingredients sethoxydim and was reviewed under application number 2015-0875.

Chemistry Assessment

Odyssey Ultra NXT A is formulated as water dispersible granules containing imazamox and Imazethapyr, each at a nominal concentration of 35%. This end-use product has a bulk density of 529-609 kg/m³ and pH of 2.84. The chemistry requirements for this product have been fulfilled.

Health Assessments

Odyssey Ultra NXT A is of low acute toxicity by the oral, dermal, and inhalation routes in rats. The formulation is mildly irritating to the eye and skin of rabbits. Odyssey Ultra NXT A is not a skin sensitizer in guinea pigs.

The uses on Odyssey Ultra NXT A are not expected to result in potential occupational or bystander exposures greater than those from the registered uses of imazethapyr and imazamox. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No new residue data for imazethapyr and imazamox were submitted to support the registration of the new end-use product Odyssey Ultra NXT A. However, the uses are not expected to result in

an increase of residue levels of imazethapyr and imazamox in the petitioned food commodities. Therefore, no revisions to the currently established MRLs for imazethapyr and imazamox are required. No increase in dietary exposure is anticipated to any segment of the population.

Environmental Assessment

Environmental precautionary statements on the proposed label are adequate provided that the product is applied by ground application.

Value Assessment

Odyssey Ultra NXT A will be available in a variety of container sizes which will give users more flexibility compared to water soluble packets. The information provided including scientific rationales and information based on precedent registrations was found to be supportive of the value of Odyssey Ultra NXT A.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to support registration of Odyssey Ultra NXT A (A Component of Odyssey Ultra NXT Herbicide Tank Mix).

References

PMRA Document Number	Reference
2115788	Agricultural Reentry Task Force (ARTF). 2008. Data Submitted by the ARTF to Support Revision of Agricultural Transfer Coefficients. Submission #2006-0257
2538880	2015, Waiver Request for the Exemption from Part 10, Value for the Registration of a New Packaging Type. DACO: 10.1, 10.2, 10.2.3.1, 10.2.3.3, 10.3, 10.3.1, 10.3.2

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