

Evaluation Report for Category B, Subcategory 2.5, 3.1, 3.5, 3.9, 3.10, 3.11, 3.12 and 3.13 Application

Application Number: 2015-0553
Application: New End-Use Product Chemistry – Formulation Type
New End-use Product Label – Application Rate Decrease,
Rotational Crops, Level of Control, Tank Mixes, New Pests, New Site, and Precautions
Product: Odyssey NXT
Registration Number: #####
Active ingredients (a.i.): Imazethapyr, Imazamox
PMRA Document Number : 2628503

Purpose of Application

The purpose of this application was to register an end-use product, Odyssey NXT, containing the active ingredients, imazamox and imazethapyr, for use on various crops based on a precedent product.

Chemistry Assessment

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

The uses on Odyssey NXT 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 end-use product Odyssey NXT Herbicide. 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 NXT 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 NXT.

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 NXT.

References

PMRA Document Number	Reference
2501610	2015, Container Material and Description. DACO: 3.5.5
2501611	2015, BAS 724 00 H: Storage Stability and Corrosion Characteristics in Commercial Type Containers. DACO: 3.5.10, 3.5.14
2531970	2014, BAS 724 00 H: Determination of Physical/ Chemical Properties. DACO: 3.5.6, 3.5.7
2501613	2014, BAS 724 00 H - Acute oral toxicity study in rats. BASF DocID 2014/1173591. DACO 4.6.1
2501615	2014, BAS 724 00 H - Acute dermal toxicity study in rats. BASF DocID 2014/1173592. DACO 4.6.2
2501616	2014, BAS 724 00 H - 4-Hour Acute Inhalation Toxicity Study in the Rat. BASF DocID 2014/1197390. DACO 4.6.3
2501617	2014, BAS 724 00 H - Acute eye irritation in rabbits. BASF DocID 2014/1173593. DACO 4.6.4
2501618	2014, BAS 724 00 H - Acute dermal irritation / corrosion in rabbits. BASF DocID 2014/1173594. DACO 4.6.5
2501619	2014, BAS 724 00 H - Assessment of sensitising properties on albino guinea pig by repeated applications - Buehler test with 3 applications. BASF DocID 2014/1152619. DACO 4.6.6
2501620	2015, Use Site Description for Odyssey NXT (BAS 724 00 H). DACO 5.2
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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