



Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2021-0290
Application: New End-use Product (Product Chemistry)-Guarantee
Product: Class Act NG
Registration Number: 34703
Active ingredient (a.i.): Surfactant Blend
PMRA Document Number : 3400382

Purpose of Application

The purpose of this application was to register Class Act NG, a non-ionic adjuvant for use with herbicides.

Chemistry Assessment

Class Act NG is formulated as a solution containing a surfactant blend at a concentration of 6.64%. This end-use product has a density of 1.248 g/mL and pH of 5.1. The required chemistry data for Class Act NG have been provided, reviewed and found to be acceptable.

Health Assessments

Class Act NG is of low acute toxicity by the oral, dermal and inhalation routes. It is minimally irritating to the eyes and slightly irritating to the skin. Class Act NG is not a dermal sensitizer.

The use pattern of Class Act NG is similar to that of other registered surfactant blends. Since it is to be used with labeled herbicides, the use pattern is dependent on the registered use pattern of the subsequent product that it is combined with. No health risks of concern are expected from the uses, provided workers follow the label directions and wear the personal protective equipment identified on the label.

No new residue data were submitted or required to support the registration of Class Act NG to be used in tank-mix as an adjuvant with the approved herbicides containing glyphosate, present as the potassium salt. The amount of non-ionic surfactant based on the supported use rates of Class Act NG do not exceed the registered amount of non-ionic surfactant listed on each supported tank-mix partner label, and as such, does not represent an expansion of use. Therefore, when used together with the supported glyphosate-containing end-use products, no change in the magnitude of residues is expected in animal and food commodities. Therefore, dietary exposure to glyphosate is not expected to increase, and will not pose an unacceptable risk to any segment of the populations, including infants, children, adults and seniors.

Environmental Assessment

The use pattern for Class Act NG is within the registered use pattern of the active surfactant blend; therefore, no additional risk is expected from the use of Class Act NG.

The label includes the required environmental directions for use information which adequately mitigate risks to the environment.

The formulation does not contain any formulants and/or contaminants/impurities that require environmental risk mitigation measures or management.

Risk from use of Class Act NG is acceptable from the environmental perspective when used according to label directions.

Value Assessment

The registration of Class Act NG provides users with alternative adjuvant option for use with Stonewall 540 and Crush'R 540 herbicides.

Value information submitted for review consisted of data from replicated field trials and a scientific rationale. This information collectively demonstrated that efficacy and crop tolerance of glyphosate herbicide applied with Class Act NG at 1.25-2.5% v/v were comparable to those applied with the labelled non-ionic surfactant at their label rates.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found it sufficient to support the registration of Class Act NG.

References

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