

## Evaluation Report for Category L, Subcategory 1.2 Application

**Application Number:** 2022-2097  
**Application:** Application subject to the Protection of Proprietary Interests in Pesticide Data (PIIP) policy-Equivalency/Data Compensation Assessment  
**Product:** KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE  
**Registration Number:** 35078  
**Active ingredient (a.i.):** Glyphosate (present as potassium salt)  
**PMRA Document Number:** 3510716

### Purpose of Application

The purpose of this application was to register KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE, a new commercial end-use product based on a registered precedent product.

### Chemistry Assessment

KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE is formulated as a solution containing glyphosate (present as potassium salt) at a concentration of 540 g/L. This end-use product has a density of 1.38 g/mL and pH of 5.0. The required chemistry data for KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE have been provided, reviewed and found to be acceptable.

### Health Assessments

KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE is considered toxicologically equivalent to the precedent product; therefore, no toxicology data were required. KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE is considered of low acute toxicity via the oral and dermal routes. It is considered of slight acute toxicity via the inhalation route. It is considered mildly irritating to the eye and skin. It is not considered to be a dermal sensitizer.

The use pattern of KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE containing glyphosate is comparable to the registered use pattern of the precedent product. Therefore, potential exposure for mixers, loaders, applicators, bystanders and post-application workers, as well as adults, youth and children entering treated residential settings, are not expected to exceed the current exposure to the registered products of this active ingredient. No health risks of concern are expected for workers and bystanders when label directions,

precautions and restrictions are followed.

No new residue data for glyphosate were submitted or were required to support the registration of KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE. Previously reviewed residue data were re-assessed in the framework of this application. The use directions on the KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE label, including the target crops, method (ground and aerial), rates and timing of application, geographic restrictions, preharvest intervals, and feeding restrictions, are comparable to those on the label of the precedent end-use product.

Based on this assessment, residues are not expected to be greater than those from the currently registered uses and will be covered by the established maximum residue limits (MRLs). Consequently, dietary exposure to residues of glyphosate is not expected to increase with the registration of KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE and will not pose health risks of concern to any segment of the population, including infants, children, adults, and seniors.

### **Environmental Assessment**

After a scientific review of the available information, the PMRA has concluded that the environmental risks associated with the use of KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE are acceptable when used according to the label directions.

### **Value Assessment**

The availability of KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE provides growers with an alternative option for the control/suppression of annual and perennial grass and broadleaf weeds, as well as woody brush and trees in a wide variety of crops as well in summer fallow. Registration of a generic product may increase competition in the market, which may result in a reduction in purchasing cost of similar products, thus lowering growers' overall input costs.

The formulation of KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE was compared to the formulation of the precedent. It was concluded that the differences in formulations would be unlikely to result in any significant impact on product performance, in regards to efficacy and crop tolerance. Therefore, all use claims found on the precedent product label are supported for inclusion on the KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE label.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of KONGFU GLYPHOSATE POTASSIUM SALT 540 LIQUID HERBICIDE.

## References

### PMRA

#### Document

Number	Reference
3356267	2019, The Formulation Process for Glyphosate Potassium Salt 540 g/L SL, DACO: 3.2.2 CBI
3356268	2022, Description of the formulation of impurities of toxicological concern, DACO: 3.2.3
3356271	2009, Physical and Chemical Properties, DACO: 3.5.1,3.5.11,3.5.12,3.5.2, 3.5.3,3.5.6,3.5.7,3.5.8,3.5.9
3356273	2022, Container Material and Description, DACO: 3.5.5
3356272	2022, Formulation Type, DACO: 3.5.4
3356275	2022, Miscibility, DACO: 3.5.13
3356270	2022, Discussion of Formulation of Impurities, DACO: 3.4.2
3408091	2016, Color, odour and storage stability data of Kongfu Glyphosate potassium salt 540, DACO: 3.5.1,3.5.10,3.5.3
3408092	2016, Enforcement Analytical Method and Validation, DACO: 3.4.1

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