

## Evaluation Report for Category B, Subcategory 3.4, 3.13 Application

**Application Number:** 2017-1744  
**Application:** New or Changes to Product Labels – Precautions / Application Method  
**Product:** Gramoxone 200 SL  
**Registration Number:** 33125  
**Active ingredient (a.i.):** Paraquat  
**PMRA Document Number :** 2863830

### Purpose of Application

The purpose of this application was to register the restricted class end-use product Gramoxone 200 SL, containing the active ingredient paraquat at a guarantee of 200 g/L. The end-use product is to be contained only within a closed-system package, used only with a closed-transfer system for mixing/loading activities, and applied only by groundboom. These modifications were submitted as an alternative mitigation to the requirement for reduced paraquat concentration in the registered product Gramoxone Liquid Herbicide With Wetting Agent, as determined by PMRA's Re-evaluation Note REV2015-14, *Special Review Decision: Paraquat*.

### Health Assessments

For Gramoxone 200 SL containing paraquat, a qualitative risk assessment was conducted, comparing the potential occupational exposure from the new closed-transfer packaging system for groundboom applications with the exposure from the existing open-pour mixing/loading system registered for the paraquat-containing end-use product. This qualitative risk assessment demonstrated that the closed system reduces mixer/loader exposure and addresses the concern regarding potential risk of health effects as a result of accidental exposure in occupational settings, which triggered the requirement for reducing the concentration of paraquat in the end-use product, as outlined in the Re-evaluation Note REV2015-14, *Special Review Decision: Paraquat*. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

Toxicology and dietary exposure assessments were not required for this application.

### Chemistry, Value and Environmental Assessments

Chemistry, value and environmental assessments were not required for this application.

### Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of Gramoxone 200 SL. The end-use product is to be contained within a closed-system package

only, and to be used with a closed-transfer system for groundboom applications only.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2572745	2015, Agricultural Handler Exposure Scenario Monograph: Open Pour Mixing and Loading of Liquid Formulations, DACO: 5.3,5.4
2748978	2017, Paraquat 200SL (A3879G/A3879GN) - Rationale in Support of a Closed System Concept for Gramoxone(R) Liquid Herbicide with Wetting Agent (Canada), DACO: 5.2

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