

## Evaluation Report for Category B, Subcategory 2.1

**Application Number:** 2013-3860  
**Application:** Changes to product chemistry - guarantee  
**Product:** A.D.I.O.S. Weed Killer Concentrate  
**Registration Number:** 31491  
**Active ingredients (a.i.):** Sodium Chloride  
**PMRA Document Number:** 2453883

### Purpose of Application

The purpose of this application was to register the domestic herbicide, A.D.I.O.S. Weed Killer Concentrate (registration number 31491) for control of broadleaf weeds in residential areas, along driveways, walkways and in vacant lots. The new end-use product is a liquid concentrate form of the precedent product, A.D.I.O.S. Ready to Use Weed Killer (registration number 30406), and is applied at the same application rate of active ingredient.

### Chemistry Assessment

A.D.I.O.S. Weed Killer Concentrate is formulated as a solution containing sodium chloride at a nominal concentration of 26%. This end-use product has a density of 1.2 g/cm<sup>3</sup> and pH of 6.5 – 8.5. The chemistry requirements for A.D.I.O.S. Weed Killer Concentrate are complete.

### Health Assessments

A.D.I.O.S. Weed Killer Concentrate is of low acute oral, dermal and inhalation toxicity. It is minimally irritating to the skin and eyes, and is not a dermal sensitizer.

The label statements for A.D.I.O.S. Weed Killer Concentrate are considered adequate to address any potential risk due to exposure of the applicator and/or bystander when treating residential areas, along driveways, walkways, and in vacant lots. Post application activities will not result in an unacceptable risk due to exposure.

### Environmental and Value Assessments

Environmental and value assessments were not required for this application.

### Conclusion

Following review of the application, the PMRA has granted full registration of A.D.I.O.S. Weed Killer Concentrate for the control of broadleaf weeds in residential areas, along driveways, walkways and in vacant lots.

## References

PMRA 2340571      2013, Use Description/scenario (application and post-application),  
DACO 5.2

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