



## Evaluation Report for Category L, Subcategory 1.2 Application

**Application Number:** 2021-3679  
**Application:** Submissions subject to Protection of Proprietary Interests in Pesticide Data Policy-Equivalency/Data Compensation Assessment  
**Product:** Advantage Triallate 480 EC Liquid Herbicide  
**Registration Number:** 34670  
**Active ingredient (a.i.):** Triallate  
**PMRA Document Number :** 3392661

### Purpose of Application

The purpose of this application was to register a new herbicide end-use product, Advantage Triallate 480 EC Liquid Herbicide, based a registered precedent, to control wild oats in spring and durum wheat, barley, rapeseed (including canola), flax (not including low linolenic acid varieties), yellow and brown mustard, oriental mustard (condiment and oilseed types), sugar beets and dry peas.

### Chemistry Assessment

Advantage Triallate 480 EC Liquid Herbicide is formulated as an emulsifiable concentrate containing triallate at a concentration of 480 g/L. This end-use product has a density of 1.09 g/mL and pH of 5.084 (1% solution). The required chemistry data for Advantage Triallate 480 EC Liquid Herbicide have been provided, reviewed and found to be acceptable.

### Health Assessments

Advantage Triallate 480 EC Liquid Herbicide is considered toxicologically equivalent to the precedent product; therefore, no toxicology data were required. Advantage Triallate 480 EC Liquid Herbicide is considered to be of moderate acute toxicity by the oral and dermal routes, and slightly acutely toxic via the inhalation route. It is mildly irritating to the eyes and skin. Advantage Triallate 480 EC Liquid Herbicide is not considered to be a dermal sensitizer.

The use pattern of Advantage Triallate 480 EC Liquid Herbicide is comparable to the registered use pattern of the precedent product. Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered products containing 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 triallate were submitted or are required to support the registration of Advantage Triallate 480 EC Liquid Herbicide. Previously reviewed residue data were re-assessed in the framework of this application. The use directions on the Advantage Triallate 480 EC Liquid Herbicide label, including the target crops, method, and rates and

timing of application are comparable to the precedent end-use product.

Based on this assessment, residues are not expected to be greater than that for the currently registered uses and will be covered by the established maximum residue limits (MRLs) or the default MRL of 0.1 ppm. Consequently, dietary exposure to residues of triallate is not expected to increase with the registration of Advantage Triallate 480 EC Liquid Herbicide and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

### **Environmental Assessment**

The uses on the label of Advantage Triallate 480 EC Liquid Herbicide are within the currently registered use pattern of the active ingredient triallate. Therefore, no additional risk is expected when Advantage Triallate 480 EC Liquid Herbicide is used in accordance with the label, which includes statements to mitigate risks to the environment.

### **Value Assessment**

Registration of a generic product may increase product competition in the marketplace, which may in turn reduce purchasing costs of similar products.

Value information consisted of a comparison of the formulation of Advantage Triallate 480 EC Liquid Herbicide to that of the cited precedent product. Based on the weight of evidence, agronomic equivalence between Advantage Triallate 480 EC Liquid Herbicide and the cited precedent product was established. Therefore, all labelled uses and claims found on the precedent product label are supported for inclusion on the Advantage Triallate 480 EC Liquid Herbicide label.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the registration of Advantage Triallate 480 EC Liquid Herbicide.

### **References**

#### **PMRA**

#### **Document**

<b>Number</b>	<b>Reference</b>
3255941	2021, Applicant Name and Address and Product Information, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.2.3,3.3.1,3.5.13,3.5.15,3.5.5
3255945	2021, Processing Method of Triallate 480 EC, DACO: 3.2.1,3.2.2 CBI
3255946	2021, Product Chemistry Testing and Accelerated Storage Stability/Corrosion Characteristics Testing of Triallate 480 g/L EC, DACO: 3.5.1,3.5.10,3.5.11,3.5.14,3.5.2,3.5.3,3.5.4,3.5.5,3.5.6,3.5.7, 3.5.8,3.5.9 CBI

3255949 2021, Chemical and Physical Properties of Advantage Triallate 480  
EC Liquid Herbicide: Request for Waiver of Explodability Data,  
DACO: 3.5.12

3380289 2022, Clarification Request Response, DACO: 3.0,3.2.1,3.5.10 CBI

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