

## Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

**Application Number:** 2017-1610  
**Application:** Application under the Protection of Proprietary Interests in Pesticide Data policy  
**Product:** Cleat Herbicide  
**Registration Number:** 33327  
**Active ingredients (a.i.):** Tribenuron-methyl  
**PMRA Document Number:** 2936203

### Purpose of Application

The purpose of this application was to register Cleat Herbicide, containing tribenuron methyl, for use on summerfallow, and on fields to be planted to wheat (spring and durum) and barley to control various broadleaf weeds and grasses based on a precedent

### Chemistry Assessment

Cleat Herbicide is formulated as a dry flowable (wetable granule) containing tribenuron-methyl at a nominal concentration of 75%. This end-use product has a bulk density of 0.680 g/mL and pH of 6.54 for a 1% dilution. The required chemistry data for Cleat Herbicide have been provided, reviewed and found to be acceptable.

### Health Assessments

Cleat Herbicide is considered toxicologically equivalent to the precedent product, which was of low acute oral, dermal and inhalation toxicity. It was slightly irritating to the eye and minimally irritating to the skin of the rabbit. It was a dermal sensitizer in the guinea pig.

Cleat Herbicide was compared the registered precedent. The potential exposure to mixers, loaders, applicators and postapplication re-entry workers is not expected to exceed the current exposure to the registered product.

No new residue data were submitted in support of the registration of Cleat WDG Herbicide. The use pattern was determined to be equivalent to that of the registered precedent product. Therefore, the previously reviewed data were reassessed in the framework of the current submission and it was confirmed that the use of Cleat Herbicide is not expected to result in an increase in the magnitude of tribenuron residues in/on the treated crops. Therefore, the use of Cleat Herbicide will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

## **Environmental Assessment**

The uses of Cleat Herbicide are within the previously registered use pattern of the active ingredient tribenuron-methyl, and therefore, no additional risk is expected from the use of Cleat Herbicide. The label includes the required environmental precautions and hazards statements, including the buffer zones information, which adequately mitigates risks to the environment.

## **Value Assessment**

A determination of biological equivalency based on similarity to a registered precedent product can be made. The performance of Cleat Herbicide in terms of crop tolerance and efficacy can therefore be expected to be comparable to that of the cited precedent product.

The registration of Cleat Herbicide means users will have an additional choice of end use product in the marketplace.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register Cleat Herbicide.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2746053	2017, Additional Product Chemistry for Rotam Tribenuron 75 WDG Herbicide, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.5.13,3.5.15,3.5.4,3.5.5,3.5.9
2746054	2017, Additional Product Chemistry for Rotam Tribenuron 75 WDG Herbicide, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.5.13,3.5.15,3.5.4,3.5.5,3.5.9 CBI
2746061	2017, Manufacturing Process of Tribenuron-methyl 750g/kg WG, DACO: 3.2.1,3.2.2 CBI
2746062	2006, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Active Ingredient, DACO: 3.3.1,3.4.1
2746063	2009, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Accelerated Storage Stability, DACO: 3.5.10,3.5.14 CBI
2746064	2009, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Shelf life at ambient temperature, DACO: 3.5.10,3.5.14 CBI
2746065	2006, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Flammability, DACO: 3.5.11
2746067	2006, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Explosive Properties, DACO: 3.5.12
2746068	2006, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Appearance, DACO: 3.5.1,3.5.2
2746069	2006, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Bulk Density, DACO: 3.5.6
2746071	2006, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: pH of a Dilution, DACO: 3.5.7
2746072	2006, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Oxidising Properties, DACO: 3.5.8
2746082	2006, Determination of Physical and Chemical Properties of Tribenuron Methyl 750 g/kg WG: Size distribution, DACO: 3.7

ISSN: 1911-8082

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