

## Evaluation Report for Category B, Subcategory 1.3 Application

**Application Number:** 2009-1435  
**Application:** B.1.3-Changes to TGAI Product Chemistry-Specifications  
**Product:** Dimethenamid-P Technical Herbicide  
**Registration Number:** 29195  
**Active ingredients (a.i.):** Dimethenamid-P (DMN)  
**PMRA Document Number English PDF:** 2018006

### Purpose of Application

The purpose of this application was to amend the guarantee of Dimethenamid-P Technical Herbicide (PCP# 29195) from 92.9% to 97.2% nominal purity.

### Chemistry Assessment

The chemistry requirements for this application have been fulfilled and the assessment is now complete.

### Health Assessments

An occupational exposure assessment was not required for this application.

No new residue data for dimethenamid-P were submitted in support of the registration of the new guarantee of this active ingredient. A review of the proposed label and specification form was conducted for this application. As Dimethenamid-P Technical Herbicide will be used to formulate registered end-use products within the existing use pattern, no changes in the magnitude of the residues in food and feed crops are expected from a food residue exposure point of view. Therefore, no increase in dietary exposure is anticipated.

The statement of product specification form was approved and impurities of human health or environmental concern were not expected to be present in the product. In addition, the new formulation was considered chemically equivalent to the registered precedent product, including the increase in the guarantee of 4.3% because it falls within the  $\pm 5\%$  margin allowed. Therefore, the toxicity profile was not expected to be significantly different and no toxicological data was required. The health assessment of this application is now complete.

### Environmental and Value Assessment

An environmental and value assessment were not required for this application.

## Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support for the product, Dimethenamid-P Technical Herbicide, and has found the information sufficient to amend the guarantee from 92.9% to 97.2% nominal purity.

## References

<i>PMRA Number</i>	<i>Title</i>
1129100	1998, Process Description for Dimethenamid-P, DACO: 2.11.1 CBI
1129101	1998, Dimethenamid-P Technical Product Identity and Composition, DACO: 2.11.2,2.11.3,2.11.4 CBI
1129102	1998, Dimethenamid-P Technical - Product Identity and Composition, DACO: 2.11.2,2.11.3,2.11.4 CBI
1129103	1999, Dimethenamid and Dimethenamid-P Manufacturing Summary, DACO: 2.11.3 CBI
1129106	1997, BAS 656 H: Validation of BASF Method F-56 for the HPLC Analysis of s-Dimethenamid in TGAI and 720 EC Formulations, DACO: 2.13.1 CBI
1129213	2003, Preliminary Analysis for BAS 656 H, commonly known as Dimethenamid-P a, DACO: 2.13.3 CBI
1748166	2009, Chemistry Requirements for the Registration of a Technical Grade of Active Ingredient (TGAI) or an Integrated System Product, DACO: 2.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2. 9
1748167	2009, Manufacturing Summary Increase in Purity, DACO: 2.11.1 CBI
1748172	2009, Establishing Certified Limits, DACO: 2.12.1 CBI
1748175	1994, WEIGHT PERCENT DETERMINATION OF KETO-ENOL IN TECHNICAL DIMETHENAMID (GC), Method Number AM-0931-0694-0, DACO: 2.13.1 CBI
1748176	2007, Preliminary Analysis of Dimethenamid-P Technical Grade Active Ingredient (TGAI), DACO: 2.13.3 CBI
1820081	2007, Method No. ATM-5026.03: Determination of Impurities in Technical Dimethenamid-P, DACO: 2.13.1 CBI
1820082	2009, Report Amendment No. 1 to Final Report: Preliminary Analysis of Dimethenamid-P Technical Grade Active Ingredient (TGAI), DACO: 2.13.3 CBI
1821663	2009, Report Amendment No. 1 to Final Report: Preliminary Analysis of Dimethenamid-P Technical Grade Active Ingredient (TGAI), DACO: 2.13.3 CBI

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