

## Evaluation Report for Category B, Subcategory 1.1 and 1.3 Application

**Application Number:** 2016-4891  
**Application:** B.1.1 - New Source Same Registrant  
B.1.3 - New Specifications  
**Product:** Prometryn Technical  
**Registration Number:** 24325  
**Active ingredients (a.i.):** Prometryne  
**PMRA Document Number:** 2776801

### Purpose of Application

The purpose of this application was to register a new source of Prometryn Technical by a current registrant.

### Chemistry Assessment

Common Name: Prometryn  
IUPAC\* Chemical Name: *N*<sup>2</sup>,*N*<sup>4</sup>-diisopropyl-6-methylthio-1,3,5-triazine-2,4-diamine  
CAS† Chemical Name: *N,N'*-bis(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Prometryn has the following properties:

Property	Result
Colour and physical state	White powder
Nominal concentration	97.0%
Odour	Slightly sweet
Relative Density	1.15
Vapour pressure	1.65 x 10 <sup>-4</sup> Pa (at 25°C)
pH	8.0 - 10.0 (1% solution in water)
Solubility in water	33.0 mg/L (20 - 25°C)
n-Octanol/water partition coefficient	log Kow = 3.1

The required chemistry data for Prometryn Technical have been provided, reviewed, and found to be acceptable.

**Health Assessments**

The product from the new source is considered toxicologically equivalent to the currently registered product.

**Environmental and Value Assessment**

Environmental and value assessments were not required for this application.

**Conclusion**

The PMRA has reviewed the information provided in support of the new source of Prometryn Technical. Based on the results of this review, the new source of Prometryn Technical is acceptable for registration.

## References

- 2671213 2016, Confidential Information - Prometryn Technical (G34161) - Document H - Product Chemistry Volume, DACO: 0.8.11,0.8.12,0.9.1,Document H,Document J
- 2671211 2016, Confidential Information - Prometryn Technical (G34161) - Document J - Product Chemistry Volume, DACO: 0.8.11, 0.8.12, 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12.1, 2.12.2, 2.13.1, 2.13.2, 2.13.3, 2.13.4, 2.2, Document J, IIA 1.10.1, IIA 1.10.2, IIA 1.11.1, IIA 1.11.2, IIA 1.2, IIA 1.8.1, IIA 1.8.2, IIA 1.9.1, IIA 1.9.2, IIA 1.9.3, IIA 4.2.3, IIA 4.2.4 CBI
- 2763699 2017, Confidential Business Information - PROMETRYN TECHNICAL (Reg. No. 24325) - Clarification Responses, DACO: 2.11.4,2.12,2.13.1,2.13.4 CBI
- 2763701 1997, Analytical Method AW-56/4 , DACO: 2.13.1 CBI
- 2763700 2010, Analytical Final Report - ASGSR-97-129 - Validation of Analytical Method AW-56/4 for the Determination of G34161 (Prometryn) in Prometryn Technical , DACO: 2.13.1 CBI
- 2671220 1900, Confirmation of structures of by-products for G 34161 by [CBI removed], DACO: 2.12.2,2.13.2,2.13.4,IIA 1.10.2 CBI

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