

## Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 3.1 Application

**Application Number:** 2009-0432  
**Application:** B.2.1 (Product chemistry - guarantee)  
B.2.3 (Product chemistry - identity of formulants)  
B.2.4 (Product chemistry - proportion of formulants)  
B.3.1 (Product labels - application rate increase)  
**Product:** Sanafoam A (A Component of the Sanafoam Vaporooter II Tank Mix Concept)  
**Registration Number:** 30224  
**Active ingredients (a.i.):** Dichlobenil (DCB)  
**PMRA Document Number English PDF:** 2085149

### Purpose of Application

The purpose of this application was to register separately the two components of the registered tank mix concept end-use product Sanafoam Vaporooter II (Registration number 15123): one to register Sanafoam A (Application number 2009-0432), containing dichlobenil (Technical Dichlobenil, Registration number 19963), and one to register Sanafoam B (Sub. No. 2009-0433), containing metam-sodium (Vapam Technical, Registration number 19399). Sanafoam A and B will be marketed together as Sanafoam Vaporooter II Tank Mix Concept.

### Chemistry Assessment

Sanafoam A is a wettable powder containing the active ingredient dichlobenil at a nominal concentration of 50.0%. This product has a density of 2.1 g/cm<sup>3</sup> and pH of 8-9.4. The chemistry requirements for Sanafoam A have been completed

### Health Assessments

The toxicology profile of Sanafoam A is not expected to be significantly different than the precedent dichlobenil product. Therefore, no new data were required.

The proposal to register separately the individual component (Sanafoam A) of Sanafoam Vaporooter II fits within the existing use pattern. No increase in occupational and bystander exposure is expected.

## **Environmental Assessment**

No new environmental data were submitted to support the registration Sanafoam A (containing dichlobenil). When comparing the product to others registered for similar use patterns, no additional environmental risk is expected from the use of this product.

## **Value Assessment**

No value data were submitted with this application. The efficacy of Sanafoam Vaporooter II Tank Mix Concept, consisting of Sanafoam A plus Sanafoam B is expected to be similar to that of Sanafoam Vaporooter II because: 1) Sanafoam A, like the dichlobenil component of Sanafoam Vaporooter II, is a wettable powder formulation that contains 50% dichlobenil; 2) while less dichlobenil is applied with Sanafoam Vaporooter II Tank Mix Concept than with Sanafoam Vaporooter II, the small difference is not sufficient to impact efficacy, particularly given that the rate of metam sodium applied with Sanafoam Vaporooter II Tank Mix Concept is the same as that with Sanafoam Vaporooter II.

## **Conclusion**

The PMRA is able to support the registration of Sanafoam A.

## **References**

### **Studies/Information Provided by Applicant/Registrant**

<b>PMRA #</b>	<b>Reference</b>
1886410	2010, PART 3 Chemistry, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.2.1,3.2.2,3.3.1,3.4.1, 3.4.2,3.5.1,3.5.10,3.5.11,3.5.12,3.5.13,3.5.14,3.5.15,3.5.2,3.5.3,3.5.4,3.5.5,3.5.6, 3.5.7,3.5.8,3.5.9
1904861	1983, Chemistry Technical File for PCP # 12533, Exhibit 1. DACO:3.4.1

## **Published Information**

van Rossum, A, P. C. de Wilde, F. G. de Boer, and P. K. Korver. 1978. Analytical Methods for Pesticides and Plant Growth Regulators: Dichlobenil, entry 29. Academic Press, Inc. pp 311-320.

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