

Evaluation Report for Category B, Subcategory 1.3 Application

Application Number: 2017-3401
Application: Name change of active ingredient.
Product: Citriodiol
Registration Number: 30821
Active ingredients (a.i.): Oil of lemon eucalyptus, hydrated, cyclized
PMRA Document Number : **2805445**

Purpose of Application

The purpose of this application was to amend the name of the active from “p-menthane-3,8-diol and related oil of lemon eucalyptus compounds” to “oil of lemon eucalyptus, hydrated, cyclized”.

Chemistry Assessment

The chemistry assessment for this active was previously carried out and is outlined below.

Common Name: Oil of lemon eucalyptus, hydrated, cyclized
IUPAC* Chemical Name: Not assigned
CAS† Chemical Name: Oils, eucalyptus, *E. citriodora*, hydrolyzed, cyclized

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Citriodiol has the following properties:

Property	Result
Colour and physical state	Pale yellow, liquid
Nominal concentration	100%
Odour	Faint citrus odour
Density at 40°C	0.930 – 0.995 g/mL
Vapour pressure at 25°C	0.0638 Pa for <i>p</i> -menthane-3,8-diol
pH	7.0 – 9.0
Solubility in water at 25°C	157 mg/L
n-Octanol/water partition coefficient	log K_{ow} = 2.42

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

Health, Environmental, and Value Assessments

Health, environmental, and value assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendment of the active ingredient name to oil of lemon eucalyptus, hydrated, cyclized.

References

None