



Evaluation Report for Category B, Subcategory 3.14 Application

Application Number: 2007-0808
Application: Change of Classification to Domestic
Product: Verbenone Pouch Mountain Pine Beetle Repellent
Registration Number: 28919
Active ingredients (a.i.): Verbenone (96.0 % w/w)
PMRA Document Number: 1557019

Purpose of Application

Phero Tech Inc. is requesting a domestic class registration for their product Verbenone Pouch Mountain Pine Beetle Repellent. Verbenone, an insect sex pheromone, is currently registered as a TGAI (PCP # 28259) and may be found in the EP, Verbenone Pouch (PCP # 28260) and Verbenone Pouch (7 g Load) (PCP # 28645). Verbenone Pouch Mountain Pine Beetle Repellent is an anti-aggregation pheromone slow release device for use on pine trees and in pine stands. The Verbenone Pouch Mountain Pine Beetle Repellent deters the attack of the mountain pine beetle, *Dendroctonus ponderosae*, on pine trees, including lodgepole pine and ponderosa pine.

Chemistry Assessment

A chemistry assessment was not required as there was no change in the product chemistry compared to the currently registered product.

Health Assessments

The domestic product, Verbenone Pouch Mountain Pine Beetle Repellent, is identical to the registered commercial end-use product, Verbenone Pouch (7 g Load) (PCP # 28645). Since there are no alterations in the formulation and the toxicological database for verbenone is considered adequate, there is no need for additional toxicological information.

Although the toxic nature of this end use product increases the risk due to exposure to children and companion pets who encounter dislodged pouches on the ground, the precautionary statements and directions for use, emphasizing the correct method to fasten the pouches to a tree, currently listed on the label are considered adequate.

Environmental Assessment

An environmental assessment was not required as use of the domestic product Verbenone Pouch Mountain Pine Beetle Repellent is not expected to increase environmental exposure.

Value Assessment

The efficacy and value of the domestic class product, Verbenone Pouch Mountain Pine Beetle Repellent, is supported based on the similarity in the formulations and use directions of the commercial class insect pheromone containing the active ingredient verbenone.

Conclusion

The PMRA has completed an evaluation of this application and has found the information sufficient to support the registration of Verbenone Pouch Mountain Pine Beetle Repellent for domestic use.

References

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