

Evaluation Report for Category B, Subcategory 2.3 Application

Application Number: 2009-1255
Application: B.2.3-Changes to EP Product Chemistry-Identity of Formulants
Product: Zodiac Powerband Plus Dual Action Flea and Tick Collar for Dogs and Puppies
Registration Number: 28360
Active ingredients (a.i.): Propoxur (BAY), (S)-Methoprene (MPR)
PMRA Document Number: 2029314

Purpose of Application

The purpose of this application was to amend the formulation.

Chemistry Assessment

Zodiac Powerband Plus Dual Action Flea and Tick Collar for Dogs and Puppies is formulated as a slow releasing collar containing the active ingredients (S)-methoprene and propoxur at a nominal concentration of 2.10% and a minimum concentration of 10.0% respectively. The formulation changes were found to be chemically equivalent to the precedent product.

Health Assessments

The amendment to the formulation is not expected to alter the toxicity profile of the product. The potential exposure to the active ingredients propoxur or (S)-methoprene is not expected to exceed exposure from currently registered products. The formulation changes are supported. A food exposure assessment was not required for this application.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

The formulation changes are not expected to impact efficacy of the product.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to amend the formulation.

References

PMRA Number	Title
1740551	2009, Comparison of Laboratory Rate of Release Studies of Phthalate and Citroflex Plasticized Collars, DACO:3.1.1, 3.1.2, 3.2.1, 3.3.1, 3.4.1, 3.5.10, 3.5.11, 3.5.12, 3.5.13, 3.5.14, 3.5.15, 3.5.6, 3.5.7, 3.5.8, 3.5.9
1740552	2009, VET-KEM INTEGRAL BUCKLE FLEA & TICK COLLAR FOR DOGS; PCP18505 Value Summary, DACO: 10.1,10.2.3.1,10.2.3.2,10.3.1,10.3.2
1793637	2009, Wellmark collars-Uniplex response-letter of intent-26august2009, DACO: 0.8
1793638	Anonymous, 2009, Uniplex-tox summary-HSDB-26august2009, DACO: 4.8
1793639	Anonymous, 2003, Assessment of Data Availability and Test Plan for Acetyl Tributyl Citrate (ATBC), DACO: 4.8
1793640	Johnson, W. (2002). Final Report on the Safety Assessment of Acetyl Triethyl Citrate, Acetyl Tributyl Citrate, Acetyl Trihexyl Citrate and Acetyl Trioctyl Citrate. <i>International Journal of Toxicology</i> , 21 (Suppl. 2): 1-17. doi:10.1080/10915810290096504

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