

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2009-4327
Application: Changes to Product Labels
Product: Metasol TK-25 AD
Registration Number: 25793
Active ingredients (a.i.): thiabendazole
PMRA Document Number : 2242804

Purpose of Application

The purpose of this application was to amend the product label to include the control of fungi in polyurethane foam.

Chemistry Assessment

No chemistry assessment was required for this application.

Health Assessments

The addition of the use of Metasol Tk-25 AD in polyurethane foam does not alter the toxicological profile of the product.

A qualitative health assessment has been conducted for the amendment of Metasol TK-25 AD, containing 24.8% Thiabendazole, to include the additional use of polyurethane foam. It is not expected that exposure to mixer/loader/applicator, post-application workers and bystanders will increase over the exposure from the currently registered uses.

Environmental Assessment

The addition of a new use for Metasol TK-25 AD does not affect the ecotoxicity and the environmental fate profile of this product.

Value Assessment

Two laboratory studies were conducted to evaluate the ability of Metasol TK-25 AD to protect polyurethane foams against fungal growth. The studies were conducted using two different standard protocols to illustrate a worst-case scenario (nutrients-rich) and poor conditions of growth (no nutrients). The data demonstrated that Metasol TK-25 AD is effective against fungi in a majority of growth conditions at the proposed rates.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Metasol TK-25 AD, and has found the information sufficient for the additional requirements.

References

PMRA document number	Reference
1813363	2009, Antimicrobial Performance of Lanxess Metasol TK-100 and Metasol TK-25 A.D, Thiabendazole Based Products in Polyurthane Foams, DACO: 10.2.3.2(E)
1824427	2009, Antimicrobial Performance of Lanxess Metasol TK-100 and Metasol TK-25 A.D, Thiabendazole Based Products in Polyurthane Foams, DACO: 10.2.3.2(E)
1824428	2009, Value Part 10, DACO: 10.1,10.2.3.1,10.3.1,10.3.2
1929426	2009, Value Part 10, DACO: 10.1,10.2.3.1,10.3.1,10.3.2
2047919	2009, Use Description/Scenario (Application and Post Application), DACO: 5.2

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