



Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2011-6060
Application: New or Changes to Product Labels-Application Rate Increase
Product: Borogard ZB Corrosion Inhibitor, Biocide & Fire Retardant
Registration Number: 23283
Active ingredients (a.i.): Zinc Borate (ZBT)
PMRA Document Number: 2184067

Purpose of Application

Borogard ZB Corrosion Inhibitor, Biocide & Fire Retardant is fully registered in Canada for use only as a biocide (fungicide/preservative) additive in the manufacturing of wood composites, paints, coatings, plastics and rubber products. The purpose of this application was to add the use of Borogard ZB at higher rates (1.0 kg per 100 kg to 3.0 kg per 100 kg of wood, adhesive and wax combine) for the international market (i.e. export).

Chemistry Assessment

A chemistry assessment was not required for this application

Health Assessments

The toxicity profile of this product has not changed and no new toxicology data were reviewed for the current application.

Borogard ZB Corrosion Inhibitor, Biocide & Fire Retardant for use in the manufacturing of oriented strand board at a rate of 1 – 3 percent zinc borate could result in increased occupational exposure when compared to other registered boron products. The potential exposure to mixers, loaders, applicators and workers was evaluated and no risks of concern are expected when all label directions are followed and the product treated at the higher rates is sold for export use only.

Environmental Assessment

Previously an environmental assessment was not required for this use because it would not result in significant environmental exposure. This is not expected to change with the increased application rate.

Value Assessment

An increase in rate was requested for wood products for export markets only. The currently registered rates for use in wood products intended for the Canadian market remain unchanged. As a result, no value information was required.

Conclusion

The PMRA has reviewed the available information on the higher application rates (1.0 kg per 100 kg to 3.0 kg per 100 kg of wood, adhesive and wax combine) and has determined that the request for the addition of these rates are acceptable provided the product treated with Borogard ZB Corrosion Inhibitor, Biocide & Fire Retardant at the higher rates are for the international market (i.e. export) only.

References

PMRA No.	Reference
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2141030	2011, Cover Letter for Toxicology Wording Change, DACO: 0.8
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2230934	2011-6060 Use Description, DACO: 5.2
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