



Evaluation Report for Category B, Subcategory 3.1, 3.12 Application

Application Number: 2013-2144
Application: Product labels – Application rate increase and new site/host
Product: Acticide LA 1206 Microbiocide Liquid
Registration Number: 31665
Active ingredients (a.i.): Bronopol, 2-methyl-4-isothiazolin-3-one, 5-chloro-2-methyl-4-isothiazolin-3-one
PMRA Document Number : 2327924

Purpose of Application

The purpose of this application was to register a new product based on the precedent product Acticide GA Microbiocide Liquid (Reg. No. 28004) for use as a material preservative, and to obtain Master Product status.

Chemistry Assessment

A chemistry evaluation was not required for this application.

Health Assessments

Acticide LA 1206 Microbiocide Liquid is of slight acute toxicity by the oral and inhalation routes. It is of low acute toxicity by dermal route. It is corrosive to the eyes and skin and is considered a skin sensitizer.

The use of Acticide GA Microbiocide Liquid is not expected to result in greater occupational or residential exposure than the exposure from the registered use of Bronopol and 2-methyl-4-isothiazolin-3-one, 5-chloro-2-methyl-4-isothiazolin-3-one active ingredients. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

A food residue assessment was not required for this application.

Environmental Assessment

Considering the use pattern for Acticide LA 1206 Microbiocide Liquid, direct environmental exposure to non-target organisms is expected to be negligible. The approved use rates are within the range of currently registered rates. Therefore, the Environmental Assessment Division has no environmental concerns for the registration of this product.

Value Assessment

Data from laboratory trials were provided testing a wide variety of different aqueous-based materials (twenty-two tests). The studies were scientifically valid and representative of worst-case scenarios of the uses. Acticide LA 1206 Microbiocide Liquid was found to be an effective preservative in these materials in controlling bacteria, fungi and yeast.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of the new end-use product Acticide LA 1206 Microbiocide Liquid.

References

PMRA Document Number	Reference
2340909	2013, Email-Girard to Latter, DACO: 10.2.3.2
2400463	2014, ACTICIDE LA _ Local Lymph Node Assay in the Mouse, DACO: 4.6.6

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