

Evaluation Report for Category B, Subcategory 3.1, 3.12 Application

Application Number: 2022-1061
Application: Changes to Product Labels-Application Rate Increase, New Site
Product: Preventol P 30 S
Registration Number: 34399
Active ingredient (a.i.): Bronopol
PMRA Document Number: 3465510

Purpose of Application

The purpose of this application was to add uses for preservation of adhesives and concrete admixtures to the label of Preventol P 30 S, which was previously registered for preservation of polymer dispersions, pigment slurries and paper coatings.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The occupational exposure and risk from the use of Preventol P 30 S as a material preservative for adhesives and concrete admixtures was assessed. No risks of concern are expected provided workers follow the label directions and wear the personal protective equipment identified on the label.

Toxicology and dietary exposure risk assessments were not required for this application.

Environmental Assessment

The use patterns for Preventol P 30 S are within those currently registered for bronopol. No additional risk to the environment is expected from the use of this product as a material preservative for adhesives and concrete admixtures.

Value Assessment

Laboratory data demonstrated that Preventol P 30 S had acceptable antimicrobial efficacy in adhesives at concentrations of 333-1667 ppm. In concrete admixtures, Preventol P 30 S demonstrated acceptable efficacy at concentrations of 250-2000 ppm.

Therefore, this product has been found to have acceptable value as a preservative of concrete admixtures and adhesives.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to add preservation of adhesives and concrete admixtures to the label of Preventol P 30 S.

References

PMRA

Document

Number	Reference
3329541	2022, Preventol P 30 Mode of Action (TGAI) and Description of the Product, DACO: 10.2.1,10.2.2,10.2.3.2(A),10.3.2
3341272	2020, Microbiological Preservation Report for: Preventol P-30 in Concrete Admixtures, DACO: 10.2.3.2(A)
3341273	2020, Microbiological Preservation Report for: Preventol P-30 in Adhesives, DACO: 10.2.3.2(A)

© His Majesty the King in Right of Canada, as represented by the Minister of Health Canada, 2023

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of Health Canada, Ottawa, Ontario K1A 0K9.