

## Evaluation Report for Category B, Subcategory 3.13 Application

**Application Number:** 2013-5551  
**Application:** B.3.13 - Change Label Precautions  
**Product:** Mextrol 450 Liquid Herbicide  
**Registration Number:** 26999  
**Active ingredients (a.i.):** Bromoxynil + MCPA (Present as Esthers)  
**PMRA Document Number :** 2576390

### Purpose of Application

The purpose of this application was to amend the precautionary words on the label based on recent toxicology studies.

### Chemistry, Environment and Value Assessment

Chemistry, environment and value assessments were not required for this application.

### Health Assessments

Mextrol 450 Liquid Herbicide is of moderate acute oral toxicity and is of low acute dermal and inhalation toxicity. It is mildly irritating to the eyes persisting for 72 hours and minimally irritating to the skin of the rabbit. This test substance is a potential dermal sensitizer in the guinea pig.

The amendments to the precautionary words appearing on the label of the end-use product Mextrol 450 Liquid Herbicide were reviewed and no health risks of concern were identified from an occupational exposure perspective. Given that these label amendments indicate an acute toxicity level equivalent to or lower than the currently registered label statements, and that the potential exposure level of mixers, loaders, applicators and postapplication re-entry workers to bromoxynil and MCPA is not expected to change when compared to the registered use pattern, the personal protective equipment already appearing on the registered label is still considered adequate to protect workers.

### Conclusion

The PMRA has reviewed the information provided in support of amending the precautionary words on the product label. Based on this review, amended the precautionary words are acceptable.

### References

2352693	1999, Acute Dermal Toxicity Study in Rabbits, DACO: 4.2.2
2352694	1999, Acute Inhalation Toxicity Study in Rats, DACO: 4.2.3
2352695	1999, Acute Oral Toxicity Study in Rats, DACO: 4.2.1
2352697	1999, Dermal Sensitization Study in Guinea Pigs, DACO: 4.2.6
2352698	1999, Acute Dermal Irritation Study in Rabbits, DACO: 4.2.5
2352699	1999, Primary Eye Irritation Study in Rabbits, DACO: 4.2.4

ISSN: 1911-8082

**8 Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services  
Canada 2016**

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 the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.