Pest Management Regulatory Agency
Agence de réglementation de la lutte antiparasitaire

Re-evaluation Decision Document RRD2004-21

Re-evaluation of Coumaphos

The purpose of this Re-evaluation Decision Document (RRD) is to notify registrants, pesticide regulatory officials and the Canadian public that the re-evaluation of coumaphos is now complete.

The registrant of technical coumaphos has voluntarily discontinued all existing uses for this active ingredient.

This RRD presents the regulatory outcome resulting from the re-evaluation of coumaphos.

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1.0 Introduction

The re-evaluation of the active ingredient coumaphos, an insecticide produced by Bayer Inc., and its associated uses on cattle, swine and horses, has been completed by the Pest Management Regulatory Agency (PMRA).

2.0 Background

In June 1999, the PMRA announced that organophosphate active ingredients, including coumaphos, were subject to re-evaluation under authority of Section 19 of the Pest Control Products (PCP) Regulations.[1] The purpose of this RRD is to notify registrants, pesticide regulatory officials and the Canadian public that the re-evaluation of coumaphos is now complete.

On 31 March 2003, the PMRA published a Proposed Acceptability for Continuing Registration document (PACR2003-04), *Re-evaluation of Coumaphos*, for consultation on the proposed regulatory decision for coumaphos. The PMRA did not receive any comments from the general public regarding the PACR.

However, in response to the publication of the PACR, the registrant and manufacturer of coumaphos technical grade active ingredient, Bayer Inc., indicated that it would no longer support the currently registered uses on cattle, swine and horses (non-food) for coumaphos in Canada.

3.0 Regulatory decision

End-use products

The conditions of continued registration of current coumaphos products were outlined in the PACR. Rather than address these requirements, Bayer Inc. and United Agri Products, the other registrant of end-use products, have chosen to discontinue registration of all existing coumaphos end-use products as follows:

K.R.S. Spray Foam with Co-Ral, registration no. 15103
Last date for use was 31 December 2003.

Co-Ral Animal Insecticide 25% Wettable Powder, registration no. 6857
Co-Ral Animal Insecticide 1% Shaker Can, registration no. 13466
Last date for use is 31 December 2005.

[1] Re-evaluation Document REV99-01, *Re-evaluation of Organophosphate Pesticides*

Cattle Bag Dust, registration no. 16772

Last date of sale by registrant is 31 December 2005.
Last date of sale by retailer or distributor is 31 December 2006.
Last date for use is 31 December 2007.

The registration of the above coumaphos products will expire on, or before, 31 December 2007. Disposal of any product still remaining following the expiry of the registration would be at the expense of the owner, whether it be a registrant, a retailer/distributor or a user.

Technical product

Bayer Inc. intends to continue the registration of Bayer Coumaphos Technical Insecticide Dust, registration no. 26474, as the basis for an application to register a new product for beehive use.

Maximum residue limits for coumaphos

In general, when the re-evaluation of a pesticide has been completed, the PMRA intends to update Canadian maximum residue limits (MRLs) and to remove those that are no longer supported. The Agency recognizes, however, that interested parties may want to retain an MRL in the absence of a Canadian registration, to allow legal importation of treated commodities into Canada. The PMRA requires the same chemistry and toxicology data for such import MRLs (MRLs without related Canadian registrations) as are required to support Canadian food use registrations and any resulting MRLs. In addition, the PMRA requires residue data (magnitude of residue trials) that are representative of use conditions in exporting countries, in the same manner that the PMRA requires representative residue data to support domestic use of the pesticide. This is required so that the Agency may determine whether the requested MRLs are needed, and to ensure they would not result in unacceptable health risks.

After the revocation of an MRL, or where there is no specified MRL, the general MRL of 0.1 ppm, as specified in subsection B.15.002 (1) of the Food and Drug Regulations (FDR), applies for enforcement purposes. Changes to this general MRL may be implemented in the future, as indicated in Discussion Document DIS2003-01, *Revocation of the 0.1 ppm General Maximum Residue Limit for Food Pesticide Residues [Regulation B.15.002(1)]*.

The United States Environmental Protection Agency (USEPA) Reregistration Eligibility Decision (RED) for coumaphos (USEPA 1996) and the Tolerance Reassessment Eligibility Decision for coumaphos (USEPA 2000) indicated that tolerances on animal commodities would be maintained. The PMRA will maintain the existing Canadian MRLs for commodities with an American tolerance to allow for the importation of said commodities, provided that magnitude of residue data or applicable DERs are provided to the PMRA within two years from the date of this publication. After these data are

reviewed, MRLs may be revised as necessary. If the requested data are not provided, these MRLs will be revoked.

The use of coumaphos on poultry is not being maintained in Canada, and there is no American tolerance for poultry commodities. Therefore, the poultry MRL will be revoked, allowing at least one year after the last date of use (31 December 2005) for treated commodities to clear the channels of trade.

Parties interested in supporting a new or existing coumaphos MRL should contact the PMRA.