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Notice of Intent

NOI2019-01

Proposed Amendments to the List of Pest Control Product Formulants and Contaminants of Health or Environmental Concern

(publié aussi en français)

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Publications
Pest Management Regulatory Agency
Health Canada
2720 Riverside Drive
A.L. 6607 D
Ottawa, Ontario K1A 0K9

Internet: canada.ca/pesticides
hc.pmra.publications-arla.sc@canada.ca
Facsimile: 613-736-3758
Information Service:
1-800-267-6315 or 613-736-3799
hc.pmra.info-arla.sc@canada.ca

Canada 

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Foreword

Paragraph 43(5)(b) of the *Pest Control Products Act* authorizes the Minister to establish a list of pest control product formulants and contaminants that the Minister considers to be of health or environmental concern (the List). In accordance with paragraph 43(5)(b) of the *Pest Control Products Act*, the identity and concentration of a formulant or contaminant on the List are not considered as confidential business information and as such the public will be able to have access to the information. The List was established in 2005 and was last amended in 2008.

“Formulants of concern” are formulants found in registered pest control products that Health Canada’s Pest Management Regulatory Agency (PMRA) has identified as being of significant concern with respect to their potential adverse effects on health or the environment or as being allergens known to cause anaphylactic-type reactions. Formulants of concern must be disclosed on pest control product labels as a condition of registration. The PMRA uses its Regulatory Directive DIR2006-02, *Formulants Policy and Implementation Guidance Document* to identify formulants of concern for addition to the List.

“Contaminants of concern” are contaminants found in registered pest control products that have been designated for reduction and/or elimination under an international treaty/convention that Canada has ratified or a Canadian government policy/risk management strategy.

The approach and criteria for maintaining the List is found in Regulatory Proposal PRO2019-01, Draft Science Policy Note: Policy on the List of Pest Control Product Formulants and Contaminants of Health or Environmental Concern under 43(5)(b) of the Pest Control Products Act, which is also published for a 60-day public comment period. The proposed policy has been updated from its 2005 version (which was entitled Notice of Intent NOI2005-01, List of Pest Control Product Formulants and Contaminants of Health or Environmental Concern under the New Pest Control Products Act).

Proposed Amendments to the List

The List includes formulants and contaminants of health or environmental concern that are found in pest control products that are currently registered in Canada.

A formulant or contaminant may be removed from the List if:

- it is no longer found in a pest control product registered in Canada; or
- it is no longer considered to adversely affect human health or the environment due to specific/approved use patterns.

If a formulant or contaminant is not on the List (in other words, has been removed), this does not mean that it is no longer of health or environmental concern. The PMRA will assess all applications for the registration of pest control products and will add formulants and contaminants of concern to the List as required.

Proposed amendments to the List are as follows:

The titles of the List's three Parts would be amended to clarify that they concern only substances "in pest control products registered in Canada".

The following formulants currently on the List would be **removed** from Part 1 – Formulants of Health or Environmental Concern.

- **Coal-tar creosote, Dimethyl formamide, Dioctyl phthalate, Isophorone, and Rhodamine B** are no longer found in registered pest control products in Canada.
- **Adipic acid, bis(2-ethylhexyl) ester and Hydroquinone** are still found in registered pest control products in Canada; but, based on an assessment of available data the PMRA has concluded that the specific use pattern of the pest control product (in which the formulant can be found) will not adversely affect human health or the environment.

The following formulant would be **added** to Part 2 – Formulants of Health or Environmental Concern that are known to cause anaphylactic- type reactions:

- **Eggs** as they are a human health concern and have been designated under the PMRA's *Formulants Policy and Implementation Guidance Document* (DIR2006-02) as an allergen known to cause anaphylactic-type reactions.

The following contaminant would be **removed** from Part 3 – Contaminants of Health or Environmental Concern:

- **Dichloro diphenyl trichloroethane (DDT)** as it is no longer found in registered pest control products in Canada.

The following contaminants would be **added** to Part 3 – Contaminants of Health or Environmental Concern:

- **Carbon Tetrachloride** is an environmental concern and is designated under the Montreal Protocol on Substances that Deplete the Ozone Layer.
- **Lead** is a health concern and is designated under the Government of Canada's Risk Management Strategy for Lead.
- **Mercury** is a health concern and is designated under the Minamata Convention and the Government of Canada's Risk Management Strategy for Mercury.

See the attached "Proposed Amendments to the List of Pest Control Product Formulants and Contaminants of Health or Environmental Concern", which shows how the List would read with the proposed amendments incorporated.

Next Steps

The PMRA invites the public to submit written comments on this proposal up to 60 calendar days from publication. The PMRA will consider all comments received during the 60-day consultation period, while finalizing the order to amend the List.

Please forward all comments to PMRA [Publications](#) with the following information: your full name and organization, telephone number, and complete mailing or e-mail address.

Any inquiries should be directed to the PMRA's [Pest Management Information Service](#) by phone (1-800-267-6315) or by e-mail (<mailto:hc.pmra.info-arla.sc@canada.ca>).

Appendix I

Proposed Amendments to the List of Pest Control Product Formulants and Contaminants of Health or Environmental Concern

PART 1 FORMULANTS OF HEALTH OR ENVIRONMENTAL CONCERN IN PEST CONTROL PRODUCTS REGISTERED IN CANADA

Formulant Name	CAS Registry Number
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PART 2 FORMULANTS OF HEALTH OR ENVIRONMENTAL CONCERN THAT ARE ALLERGENS KNOWN TO CAUSE ANAPHYLACTIC-TYPE REACTIONS IN PEST CONTROL PRODUCTS REGISTERED IN CANADA

(Includes any protein containing derivative, hydrolyzed plant protein, starch or lecithin of the allergen)

Formulant Name
Crustaceans
Eggs
Fish
Milk
Peanuts or their shells
Sesame seeds
Soy
Sulphites
Tree nuts or their shells
Wheat

PART 3 CONTAMINANTS OF HEALTH OR ENVIRONMENTAL CONCERN IN PEST CONTROL PRODUCTS REGISTERED IN CANADA

Contaminant Name	CAS Registry Number
Carbon tetrachloride	56-23-5
Hexachlorobenzene	118-74-1
Lead	7439-92-1
Mercury	7439-97-6
Pentachlorobenzene	608-93-5
Polychlorinated biphenyls (PCB)	N/A
Polychlorinated dibenzofurans substituted in at least the 2,3,7,8 positions	N/A
Polychlorinated dibenzo-p-dioxins substituted in at least the 2,3,7,8 positions	N/A

Contaminant Name	CAS Registry Number
Tetrachlorobenzenes	N/A