

Voluntary Report – Voluntary - Public Distribution

Date: April 27, 2023

Report Number: CA2023-0020

Report Name: Canada Consults on Piperonyl Butoxide Proposed Maximum Residue Limits

Country: Canada

Post: Ottawa

Report Category: Grain and Feed

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Report Highlights:

Health Canada's Pest Management Regulatory Agency (PMRA) opened consultations on proposed maximum residue limits (MRL) for piperonyl butoxide. This proposed revision will see the current MRL of 20 ppm for raw cereals revoked. When a MRL is revoked in Canada, the general MRL of 0.1 ppm comes into effect for both domestic production and imports. A number of cereal commodities are covered under the raw cereals designation including barley, corn, rice, and wheat. The consultation will remain open for 75 days for stakeholders to submit comments to PMRA, closing on May 16, 2023.

Health Canada’s Pest Management Regulatory Agency has opened a [consultation](#) on proposed maximum residue limits (MRLs) for piperonyl butoxide. PMRA is proposing to revoke MRLs for raw cereals as a result of human health concerns. This would see the current MRL of 20 ppm lowered to 0.1 ppm as Canada’s general MRL would come into effect. Other established MRLs for piperonyl butoxide are not proposed for change at this time and current MRLs can be found in Canada’s [Maximum Residue Limit Database](#). In re-evaluation decision [RVD2023-07](#), PMRA canceled the domestic use of piperonyl butoxide for direct application to bulk grain or bagged stored grain due to these concerns about potential chronic dietary risk. Piperonyl butoxide continues to be registered in Canada for other purposes with label amendments and risk mitigation measures. U.S. tolerances for piperonyl butoxide can be found under Title 40 of the [electronic Code of Federal Regulations](#).

Table 1- Comparison of proposed Canadian MRL for piperonyl butoxide with current U.S. tolerance.

| Commodity | Current Canadian MRL (ppm) | Proposed Canadian MRL (ppm) | U.S. Tolerance (ppm) |
|--|---------------------------------------|-----------------------------|----------------------|
| Raw cereals | 20 | 0.1 | n/a |
| Barley, grain, postharvest | Presently covered under “raw cereals” | 0.1 | 20 |
| Buckwheat, grain, postharvest | | 0.1 | 20 |
| Corn, field, grain, postharvest | | 0.1 | 20 |
| Corn, pop, grain, postharvest | | 0.1 | 20 |
| Oat, grain, postharvest | | 0.1 | 8 |
| Rice, grain, postharvest | | 0.1 | 20 |
| Rye, grain, postharvest | | 0.1 | 20 |
| Sorghum, grain, postharvest | | 0.1 | 8 |
| Wheat, grain, postharvest | | 0.1 | 20 |
| Cereal grains (from postharvest treatment) | | 0.1 | n/a |

Source: PMRA

Stakeholders who wish to comment on PMRA's proposed MRLs for clopyralid will have until May 16, 2023 to submit comments. Comments may be submitted online through the [consultations portal](#). PMRL2023-16, Piperonyl Butoxide should be cited when submitting comments. PMRA can also be contacted through the following methods:

By Mail:

Pest Management Regulatory Agency Publications Section
Pest Management Regulatory Agency (PMRA)
Health Canada
2 Constellation Drive
Ottawa, Ontario
Address Locator: 2608A
K1A 0K9

E-mail: pmra.publications-arla@hc-sc.gc.ca

Telephone: 613-736-3799

Toll-free: 1-800-267-6315

Facsimile: 613-736-3758

Teletypewriter: 1-800-465-7735 (Service Canada)

Attachments:

No Attachments.