



Re-evaluation Note

REV2001-04

Discontinuation of the Organophosphate Pesticide Sulfotep

Sulfotep is one of the 27 pesticide active ingredients to be re-evaluated by the Pest Management Regulatory Agency, as announced on June 29, 1999, in the Agency's publication REV99-01, *Re-evaluation of Organophosphate Pesticides*.

The purpose of this Note is to inform the registrants, pesticide regulatory officials, and the Canadian public that, in response to the Re-evaluation Announcement, the registrant of the single sulfotep end-use product registered in Canada has agreed to discontinue production and sales of this product.

Products containing sulfotep have been registered as a greenhouse fumigant for the following uses:

control of spider mites, aphids, whiteflies, mealy bugs, thrips, and soft brown scale on ornamental plants in greenhouses.

In the United States, products containing sulfotep are subject to voluntary cancellation (which is equivalent to voluntary discontinuation in Canada).

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**Publications Coordinator
Pest Management Regulatory Agency
Health Canada
2720 Riverside Drive
A.L. 6605C
Ottawa, Ontario
K1A 0K9**

**Internet: pmra_publications@hc-sc.gc.ca
www.hc-sc.gc.ca/pmra-arla/
Information Service:
1-800-267-6315 or (613) 736-3799
Facsimile: (613) 736-3798**



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1.0 Re-evaluation of Organophosphate Pesticides

Uses of organophosphate (OP) pesticide products, which are mainly insecticides, include a broad range of use-site categories, such as forests and woodlands, greenhouse food and nonfood crops, livestock, seed treatments, oilseed and fibre crops, stored food and feed, terrestrial feed and food crops, structural uses, outdoor ornamentals and indoor plants, plant scapes and turf.

The re-evaluation of organophosphate pesticides was announced on June 29, 1999 (REV99-01). Under the re-evaluation program, the Pest Management Regulatory Agency (PMRA) uses a modern scientific approach to re-examine older active ingredients and their end-use products to determine their continuing acceptability in relation to human health and the environment.

2.0 Discontinued Uses of Sulfotep

All uses of pesticides containing the active ingredient sulfotep (0,0,0,0-tetraethyl dithiopyrophosphate) will be discontinued.

3.0 Food Residue Limits

There are no specific maximum residue limits (MRLs) for sulfotep in Canada.

4.0 Alternatives for Sulfotep

Alternative products for the discontinued uses of sulfotep include: other organophosphates, carbamates, pyrethroids, neonicotinoids, insecticidal soaps, and biological control agents.

5.0 Extent of Use

Sulfotep is registered exclusively for greenhouse smoke fumigation to control a variety of insects and mites on ornamental plants. One of the major uses of sulfotep has been for control of whiteflies on poinsettias.

6.0 Status of Sulfotep in the United States

The U.S. Environmental Protection Agency (EPA) published their Reregistration Eligibility Decision for sulfotep in September 1999. The U.S. registrants were unable to provide the data required for reregistration and requested voluntary cancellation of their sulfotep products in the U.S. The EPA granted this request and set September 30, 2002, as the cancellation date, with an existing stocks provision in effect until September 30, 2004.

7.0 PMRA's Regulatory Position

In response to the Re-evaluation Announcement, the registrant informed the PMRA that they would discontinue registration of the end-use product:

Plant Fume 103 (Registration Number 3891)

This is the only product containing sulfotep that is registered in Canada. The registrant stopped sale and distribution of this product on December 31, 2000. Under authority of section 16 of the Pest Control Products Regulations, distribution and sale of this product by other than the registrant is permitted until December 31, 2001, and use of the product is to end December 31, 2004, when the registrations will be cancelled.

The decisions and actions outlined in this Re-evaluation Note conclude the re-evaluation of sulfotep by the PMRA.