



UV Radiation-Emitting and Ozone Generating Devices requirements under the *Pest Control Products Act*



This document has been prepared by Health Canada's Pesticide Compliance Program to summarize the regulatory framework for ultraviolet (UV) radiation-emitting and ozone-generating devices under the *Pest Control Products Act* (PCPA).

On June 7, 2022, amendments to the *Pest Control Products Regulations* (PCPR) have come into force to regulate certain ultraviolet (UV) radiation-emitting and ozone-generating devices.

What devices are regulated under the PCPR ?

UV radiation-emitting or ozone-generating devices that are manufactured, represented, distributed or used to control, destroy or inactivate viruses, bacteria or other micro-organisms that are human pathogens, or to reduce their levels — **other than** in swimming pools, spas or wastewater or drinking-water treatment systems.

What similar devices are regulated under other Health Canada regulations?

Food & Drug Act regulates medical devices **solely** used for:

- Sterilizing medical devices
- Therapeutic purposes (e.g. to treat skin conditions)

Canada Consumer Product Safety Act regulated consumer products **solely** used for:

- Improving air quality by deodorizing or eliminating odours (ex. cigarette, cooking, pet)

Devices that require to be registered under the PCPA

- Ozone-generating devices
- UV devices that produce or generate any other substance during operation, including ozone and hydroxyls
- UV radiation-emitting devices that do **NOT** meet conditions for authorization (*see next page for these conditions*)

Registered UV and ozone-generating devices are required to have a Registration Number on the label, such as “Reg. No. XXXXX P.C.P. Act” or “Registration No. XXXXX Pest Control Products Act”.

UV devices that are authorized under the PCPA

Registration is not required **only** for:

- A device that meets **all** of the following requirements:
 - Device is certified by a product certification body accredited by the Standards Council of Canada (SCC) as meeting the applicable Canadian electrical safety requirements AND the certification mark appears on the label (does not apply to battery operated devices).
 - Efficacy claims made in respect of the device are only claims of supplemental sanitization. No express or implied reference to prevention, treatment or mitigation of disease. Example: *This UV device helps reduce microorganisms on surfaces.*
 - All additional statements required (PCPR, 30.1) are included on product primary label and secondary display panel or any attached operating manual if space is insufficient on the secondary panel.
 - Ultraviolet lamp, or other component that emits ultraviolet radiation, is fully shielded or enclosed in the device, in a manner that prevents exposure to ultraviolet radiation: includes a device that has a mechanism that locks the device during operation to prevent access to the ultraviolet lamp, or other component that emits ultraviolet radiation, or a device that automatically shuts off if it is opened during operation.
- Replacement ultraviolet lamps (bulb or LED) or ultraviolet radiation-emitting components for use in registered or authorized UV devices: is authorized if the manufacturer includes label information related to the frequency of replacement and how it can be done to prevent ultraviolet exposure.
- Devices used in commercial or industrial premises or in educational institutions, health care facilities or similar institutions or facilities:
 - which contains a UV emitting lamp **not fully shielded**: is authorized if it is contained within the ventilation system in a manner that prevents exposure to ultraviolet radiation and is installed by an electrician who is the holder of a licence issued by the applicable provincial licensing authority;
 - which contains a UV emitting lamp **not fully shielded, does not lock when on use or shuts off if opened during use**: is authorised if it is certified by a product certification body either as being part of the Exempt group classification set out in the IEC 62471 standard developed by the International Electrotechnical Commission entitled Photobiological safety of lamps and lamp systems, as amended from time to time, or as meeting the applicable requirements of one of the standards set out in the List of Equivalent Standards for Ultraviolet Photobiological Hazard Assessment, published by the Government of Canada on its website, as amended from time to time.

For more information

Standards Council of Canada (SCC) website: <https://www.scc.ca/en/accreditation/programs/standards/directory>

Pest Control Products Regulations: <https://laws-lois.justice.gc.ca/eng/regulations/SOR-2006-124/>

The PCPR is the official Health Canada document. In the event of any discrepancy with the contents of this factsheet, the contents of the PCPR shall prevail.

Manufacturers seeking to register UV radiation-emitting or ozone-generating devices under the PCPA are encouraged to contact the Pest Management Regulatory Agency by emailing hc.pmra.info-arla.sc@canada.ca

Health Canada's Pesticide Compliance Program (PCP) is responsible for enforcing the *Pest Control Products Act*. Visit: canada.ca/pesticide-compliance