

Chemical Factsheet

Flutianil

General Information

- Product Names:
 - Gatten** (Oat Agrio Co., Ltd.)
 - Flutianil Technical** (Oat Agrio Co., Ltd.)
- Chemical Class: Cyano-methylene thiazolidine fungicide
- Uses: Used to control mildew on crops like apples, grapes, strawberries, cucumbers, and melons.
- Alternatives: [Organic Agriculture](#)
- Beyond Pesticides rating: [Least-toxic](#)

Health and Environmental Effects

See citations at end of document.

- Cancer: Not documented
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Not documented
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Yes (1)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - EPA Federal Register - [Flutianil; Pesticide Tolerances](#)
- Supporting information:
 - [PubChem Hazardous Substances Database](#) (National Library of Medicine)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [First report of the occurrence of multiple resistance to Flutianil and Pyriofenone in field isolates of Podosphaera xanthii, the causal fungus of cucumber powdery mildew.](#)
Miyamoto, T., Hayashi, K. & Ogawara, T. First report of the occurrence of multiple resistance to Flutianil and Pyriofenone in field isolates of Podosphaera xanthii, the causal fungus of cucumber powdery mildew. Eur J Plant Pathol 156, 953–963 (2020).
<https://doi.org/10.1007/s10658-020-01946-6>

Gateway Health and Environmental Effects Citations

1. National Library of Medicine. PubChem Hazardous Substances Database. [PubChem \(nih.gov\)](#)

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