

Chemical Factsheet

Uniconazole

General Information

- Product Names:
 - Sumagic Plant Growth Regulator (Valent)
 - Concise (Fine Agrochemicals)
- Chemical Class: Triazole herbicide/plant growth regulator
- Uses: Greenhouse grown ornamentals, agriculture
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

Health and Environmental Effects

See citations at end of document.

- Cancer: Possible (1)
- Endocrine Disruption: Not documented
- Reproductive Effects: Yes (1)
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Yes (1)
- Sensitizer/ Irritant: Yes (1)
- Birth/Developmental: Yes (1)
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Yes (2)
- Toxic to Fish/Aquatic Organisms: Yes (2)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [Federal Register](#)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Effects of triazole fungicides on androgenic disruption and CYP3A4 enzyme activity](#). Lv, X., Pan, L., Wang, J., Lu, L., Yan, W., Zhu, Y., Xu, Y., Guo, M., & Zhuang, S. (2017). Effects of triazole fungicides on androgenic disruption and CYP3A4 enzyme activity. Environmental pollution (Barking, Essex : 1987), 222, 504-512.
<https://doi.org/10.1016/j.envpol.2016.11.051>

Gateway Health and Environmental Effects Citations

1. Federal Register. September 5, 2008.
<http://www.epa.gov/fedrgstr/EPA-PEST/2008/September/Day-05/p20548.htm>

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