

# Chemical Factsheet

## Tefluthrin

### General Information

- Product Names:  
**Force** (Syngenta)
- Chemical Class: Pyrethroid insecticide
- Uses: Corn
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

### Health and Environmental Effects

See *citations* at end of document.

- Cancer: Not documented
- Endocrine Disruption: Yes (1, 2)
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Yes (3)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Yes (4)
- Toxic to Bees: Yes (5)

### Additional Information

- Regulatory Status:
  - [Tefluthrin Pesticide Tolerance](#)
- Supporting information:
  - [PAN Pesticides Database: Tefluthrin](#) (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Exploring the Joint Association Between Agrichemical Mixtures and Pediatric Cancer.](#)  
Taiba, J. et al. (2025) Exploring the Joint Association Between Agrichemical Mixtures and Pediatric Cancer, *GeoHealth*. Available at:  
<https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2024GH001236>.

### Gateway Health and Environmental Effects Citations

1. European Commission. Endocrine Disruptors: Study on Gathering Information on 435 Substances with Insufficient Data. Final Report. EU DG Environment: B4-3040/2001/325850/MAR/C2. BKH Consulting Engineers: M0355037. November 2002.  
[http://ec.europa.eu/environment/chemicals/endocrine/pdf/bkh\\_report.pdf#page=76](http://ec.europa.eu/environment/chemicals/endocrine/pdf/bkh_report.pdf#page=76).

2. Colborn, T., D. Dumanoski, and J.P. Myers. 1996. Our Stolen Future: Are We Threatening Our Fertility, Intelligence, and Survival? New York: Dutton. <http://ourstolenfuture.org/Basics/chemlist.htm>
4. Pesticide Action Network Pesticide Database. [http://www.pesticideinfo.org/Search\\_Chemicals.jsp](http://www.pesticideinfo.org/Search_Chemicals.jsp).
5. Yueh, MF et al. 2014. [The commonly used antimicrobial additive triclosan is a liver tumor promoter.](#) PNAS doi: 10.1073/pnas.1419119111. *Triclosan promotes liver cancer cell development and proliferation in mice through pathways common to humans.*

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