

Chemical Factsheet

Prosulfuron

General Information

- Product Names:
 - Peak** (Syngenta)
 - Exceed** (Syngenta) formulated with [Primisulfuron-methyl](#)
- Chemical Class: Sulfonylurea
- Uses: Control broad-leaved weeds and annual grasses
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

Health and Environmental Effects

See citations at end of document.

- Cancer: Not documented
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Yes (1)
- Kidney/Liver Damage: Yes (1)
- 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: Not documented
- Toxic to Bees: Not documented

Additional Information

- Supporting information:
 - [PAN Pesticides Database: Prosulfuron](#)
 - [Fluoride Action Network: Prosulfuron Label](#)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Direct pesticide exposure of insects in nature conservation areas in Germany](#). Brühl, C.A., Bakanov, N., Köthe, S., Eichler, L., Sorg, M., Hörren, T., Mühlethaler, R., Meinel, G. and Lehmann, G.U. Scientific reports, 11(1), pp.1-10.
 - [Species-specific aquatic habitat use predicts pesticide residues in feces of insectivorous birds and bats](#). Lorenz, S. et al. (2026) Species-specific aquatic habitat use predicts pesticide residues in feces of insectivorous birds and bats, Environmental Pollution. Available at: <https://www.sciencedirect.com/science/article/pii/S0269749126005762>.

Gateway Health and Environmental Effects Citations

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