

Chemical Factsheet

Propamocarb hydrochloride

General Information

- Product Names:
 - Previcur (Bayer)
 - Banol Turf and Ornamental (Bayer)
 - Proplant (Agriphar)
 - Promess (Agriphar)
 - V-10162 (Valent) formulated with [Fluopicolide](#)
- Chemical Class: Carbamate fungicide
- Uses: Controls *Pythium spp.* and *Phytophthora spp.*
- 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: Not documented
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Yes (1)
- Birth/Developmental: No
- 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

- Regulatory Status:
 - [EPA Reregistration Eligibility Decision](#) (revised 09/1995)
- Supporting information:
 - [PAN Pesticides Database: Propamocarb hydrochloride](#)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Pre-Conception And First Trimester Exposure To Pesticides And Associations With Stillbirth](#). Furlong, M. et al. (2024) Pre-conception and first trimester exposure to pesticides and associations with stillbirth, American Journal of Epidemiology. Available at: <https://academic.oup.com/aje/advance-article-abstract/doi/10.1093/aje/kwae198/7714541>
 - [A Th2-type immune response and low-grade systemic inflammatory reaction as potential immunotoxic effects in intensive agriculture farmers exposed to pesticides](#). Lozano-Paniagua, D. et al. (2024) 'A th2-type immune response and low-grade systemic

inflammatory reaction as potential immunotoxic effects in intensive agriculture farmers exposed to pesticides', *Science of The Total Environment*, 938, p. 173545.
doi:10.1016/j.scitotenv.2024.173545.

- [Pesticide Residues on Three Cut Flower Species and Potential Exposure of Florists in Belgium](#). Toumi, K., Vleminckx, C., Van Loco, J., & Schiffers, B. (2016). Pesticide Residues on Three Cut Flower Species and Potential Exposure of Florists in Belgium. *International Journal of Environmental Research and Public Health*, 13(10), 943.
<https://doi.org/10.3390/ijerph13100943>
- [Preconception and first trimester exposure to pesticides and associations with stillbirth](#). Furlong, M. A., Paul, K. C., Parra, K. L., Fournier, A. J., Ellsworth, P. C., Cockburn, M. G., Arellano, A. F., Bedrick, E. J., Beamer, P. I., & Ritz, B. (2025). Preconception and first trimester exposure to pesticides and associations with stillbirth. *American journal of epidemiology*, 194(1), 44-55. <https://doi.org/10.1093/aje/kwae198>

Gateway Health and Environmental Effects Citations

1. US EPA, Office of Prevention, Pesticides and Toxic Substances, Reregistration Eligibility Decisions (REDs), Interim REDs (iREDs) and RED Factsheets.

<https://archive.epa.gov/pesticides/reregistration/web/html/status.html>.

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