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 *Phtophthora 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

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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