

Chemical Factsheet

Procymidone

General Information

- Product Names:
No US registrations
- Uses: Agricultural, grapes, fumigate
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating:

Health and Environmental Effects

See citations at end of document.

- Cancer: Yes (1)
- Endocrine Disruption: yes (2)
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Not documented
- 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

- Regulatory Status:
 - [EPA Tolerance Reassessment Progress and Risk Management Decision \(TRED\) signed](#) (07/2005)
- Supporting information:
 - [PAN Pesticide Database](#): (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Adverse effects on sexual development in rat offspring after low dose exposure to a mixture of endocrine-disrupting pesticides.](#). Hass U, Boberg J, Christiansen S, Jacobsen PR, et al. 2012. *Reprod Toxicol.*34(2):261-74
 - [Effects of processing on pesticide residues in peaches intended for baby food.](#). Balinova AM, Mladenova RI, Shtereva DD. 2006. *Food Addit Contam.*23(9):895-901
 - [Immune response of Brazilian farmers exposed to multiple pesticides](#) . Jacobsen-Pereira, C.H. et al. (2020) 'Immune response of Brazilian farmers exposed to multiple pesticides', *Ecotoxicology and Environmental Safety*, 202, p. 110912. doi:10.1016/j.ecoenv.2020.110912.
 - [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>

- [Injury of procymidone on testis and sperm in the male adolescent mice](#). Wang, Z., Li, R., Yan, Z., Fu, H., & Zhu, Y. (2020). Wei sheng yan jiu = Journal of hygiene research, 49(6), 949-954. <https://doi.org/10.19813/j.cnki.weishengyanjiu.2020.06.013>

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>.

2. 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.

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