Chemical Factsheet

Ametryn

General Information

- Product Names:
  Evik (Syngenta)
- Chemical Class: Triazine herbicide
- Uses: Agriculture
- 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: 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: Yes (**2**)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
  - EPA Reregistration Eligibility Decision (RED) signed 9/2005
- Supporting information:
  - Extoxnet Pesticide Factsheet (Extension Toxicology Network)
  - PAN Pesticides Database: (Pesticide Action Network)
- Studies [compiled from the Pesticide-Induced Diseases Database]
  - Leydig cell number and sperm production decrease induced by chronic ametryn exposure: a negative impact on animal reproductive health.. Dantas TA, Cancian G, Neodini DN, et al. 2015. Environ Sci Pollut Res Int. 22(11):8526-35.
  - Estimating the aquatic risk from exposure to up to twenty-two pesticide active ingredients in waterways discharging to the Great Barrier Reef. Warne, M. et al. (2023) Estimating the aquatic risk from exposure to up to twenty-two pesticide active ingredients in waterways discharging to the Great Barrier Reef, Science of The Total Environment. Available at: https://www.sciencedirect.com/science/article/pii/S0048969723032552.
  - Assessment of genetic damage levels in agricultural workers exposed to pesticides in Paraíba, Brazil. Carvalho-Gonçalves, L. et al. (2025) Assessment of genetic damage levels in agricultural workers exposed to pesticides in Paraíba, Brazil, Environmental Toxicology

and Pharmacology. Available at: https://www.sciencedirect.com/science/article/abs/pii/S1382668925000900.
- Tracking toxic chemical exposure in Uganda: Insights from silicone wristbands. Essandoh, Yaw Edu et al. “Tracking toxic chemical exposure in Uganda: Insights from silicone wristbands.” Environmental research vol. 277 (2025): 121522. doi:10.1016/j.envres.2025.121522

Gateway Health and Environmental Effects Citations

1. Extension Toxicology Network (EXTOXNET) Pesticide Information Profiles. http://extoxnet.orst.edu/pips/ghindex.html

2. U.S. EPA, Office of Prevention, Pesticides and Toxic Substances, New Active Ingredients Factsheets: http://web.archive.org/web/20120107215849/http://www.epa.gov/opprd001/factsheets/index.htm

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