

Chemical Factsheet

EPTC

General Information

- Product Names:
 - Doubleplay** (Syngenta) formulated with [Acetochlor](#)
 - Eptam** (Gowan)
 - Eradicane** (Gowan)
 - Razencane** (Drexel)
- Chemical Class: Thiocarbamate herbicide
- Uses: Agriculture, Ornamental
- 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: Not documented
- Sensitizer/ Irritant: Yes (2)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Yes (3)
- Toxic to Fish/Aquatic Organisms: Not documented
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Reregistration Eligibility Decision](#) (RED) signed (9/1999)
 - Supporting information:
 - [Exttoxnet Pesticide Factsheet](#) (Extension Toxicology Network)
 - [PAN Pesticides Database:](#) (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Agricultural pesticide use and pancreatic cancer risk in the Agricultural Health Study Cohort.](#) Andreotti G, Freeman LE, Hou L, Coble J, Rusiecki J, et al. 2009. Int J Cancer. 124(10):2495-500.

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. Extension Toxicology Network (EXTOXNET) Pesticide Information Profiles.

<http://extoxnet.orst.edu/pips/ghindex.html>

3. Mineau, P., A. Baril, B.T. Collins , J. Duffe, G. Joerman, R. Luttik. 2001. Reference values for comparing the acute toxicity of pesticides to birds. Reviews of Environmental Contamination and Toxicology 170:13-74.

<http://web.archive.org/web/20081006213641/http://www.abcbirds.org/abcprograms/policy/pesticides/aims/aims/toxicitytable.cfm>

Factsheet generated on January 30, 2026