

Chemical Factsheet

Propylene oxide

General Information

- Product Names:
Propoxide 892 (Aberco)
- Chemical Class: Fumigant
- Uses: Control bacteria, mold, insects
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

Health and Environmental Effects

See citations at end of document.

- Cancer: Yes (1)
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Yes (1)
- Kidney/Liver Damage: Yes (1)
- Sensitizer/ Irritant: Yes (1)
- Birth/Developmental: Yes (1)
- 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](#) (RED) (revised 06/2009)
- Supporting information:
 - [PAN Pesticides Database: Propylene Oxide](#)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [US EPA's regulatory pesticide evaluations need clearer guidelines for considering mammary gland tumors and other mammary gland effects](#). Cardona, B. and Rudel, R.A., 2020. Molecular and Cellular Endocrinology, p.110927.
 - .

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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