

# Chemical Factsheet

## Propargite

### General Information

- Product Names:
  - **Omite** (Chemtura)
  - **Comite** (Chemtura)
- Chemical Class: Organosulphite
- Uses: Controls mites
- 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: Yes (1)
- Neurotoxicity: Not documented
- 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: Not documented
- Toxic to Fish/Aquatic Organisms: Yes (2)
- Toxic to Bees: Not documented

### Additional Information

- Regulatory Status:
  - [EPA Reregistration Eligibility Decision](#) (revised 09/2001)
- Supporting information:
  - [PAN Pesticides Database: Propargite](#)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Top 15 Farmworker Poison](#)
  - [Agricultural exposures and gastric cancer risk in Hispanic farm workers in California](#). Mills, P.K., and Yang, R.C. 2007. Environ Res 104(2):282-289.
  - [A pesticide and iPSC dopaminergic neuron screen identifies and classifies Parkinson-relevant pesticides](#). Paul, K.C., Krolewski, R.C., Lucumi Moreno, E., Blank, J., Holton, K.M., Ahfeldt, T., Furlong, M., Yu, Y., Cockburn, M., Thompson, L.K. and Kreymerman, A., 2023. Nature Communications, 14(1), p.2803.
  - [Proximity to residential and workplace pesticides application and the risk of progression of Parkinson's diseases in Central California](#). Li, S. et al. (2022) Proximity to residential and workplace pesticides application and the risk of progression of parkinson's diseases in Central California, Science of The Total Environment. Available at:

[https://www.sciencedirect.com/science/article/pii/S0048969722079542.](https://www.sciencedirect.com/science/article/pii/S0048969722079542)

- [Unveiling bee pollen's contamination with pesticides and mycotoxins: Current analytical procedures, results and regulation.](#) Carrera, M. et al. (2024) Unveiling bee pollen's contamination with pesticides and mycotoxins: Current analytical procedures, results and regulation, Trends in Analytical Chemistry. Available at:  
[https://www.sciencedirect.com/science/article/abs/pii/S0165993624004187.](https://www.sciencedirect.com/science/article/abs/pii/S0165993624004187)

## **Gateway Health and Environmental Effects Citations**

1. California Environmental Protection Agency. Proposition 65: Chemicals Known to the State to Cause Cancer or Reproductive Toxicity. Office of Environmental Health Hazard Assessment. February 25, 2022.<https://oehha.ca.gov/media/downloads/proposition-65//p65chemicalslistsinglelisttable2021p.pdf>
2. 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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