

Chemical Factsheet

Carbon Disulfide

General Information

- Product Names:
No Currently Registered Products
- Chemical Class: Inorganic liquid
- Uses: Nematicide, insecticide, and fungicide
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

Health and Environmental Effects

See *citations* at end of document.

- Cancer: Not documented
- Endocrine Disruption: Potential (1)
- Reproductive Effects: Yes (2)
- Neurotoxicity: Yes (3)
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Not documented
- Birth/Developmental: Yes (3)
- Detected in Groundwater: Not documented
- Potential Leacher: Yes (4)
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Not documented
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Factsheet](#)
- Supporting information:
 - [PAN Pesticides Database: Carbon Disulfide](#) (Pesticide Action Network)

Gateway Health and Environmental Effects Citations

1. 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.
2. 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>
3. Agency for Toxic Substances and Disease Registry. ToxFAQs.

<http://www.atsdr.cdc.gov/toxfaqs/index.asp>.

4. National Library of Medicine. PubChem Hazardous Substances Database. [PubChem \(nih.gov\)](https://pubchem.ncbi.nlm.nih.gov)

Factsheet generated on February 1, 2026