

Chemical Factsheet

Butylate

General Information

- Product Names:
No Currently Registered Products
- Chemical Class: Thiocarbamate 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: Yes (1)
- 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 (11/1993)
- Supporting information:
 - [Extoxnet Pesticide Factsheet](#) (Extension Toxicology Network)
 - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Pesticide Use and Relative Leukocyte Telomere Length in the Agricultural Health Study](#). Andreotti G, Hoppin JA, Hou L, Koutros S, Gadalla SM, et al. (2015) Pesticide Use and Relative Leukocyte Telomere Length in the Agricultural Health Study. PLOS ONE 10(7): e0133382. <https://doi.org/10.1371/journal.pone.0133382>

Gateway Health and Environmental Effects Citations

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

Factsheet generated on June 24, 2026