

# Chemical Factsheet

## Hexazinone

### General Information

- Product Names:
  - **Ouster** (Dupont) formulated with Sulfometuron methyl
  - **Velpar** (Dupont)
  - **Westar** (Dupont) formulated with Sulfometuron methyl
  - **Pronone power pellet** (Pro service)
  - **Velossa** (Helena)
- Chemical Class: Triazine-dione herbicide
- Uses: Blueberry, pineapple, sugarcane, rights-of-way/fencerows/hedgerows, alfalfa, grass forage/fodder/hay, pastures, rangeland, agricultural fallow/idle land, Christmas tree plantations, industrial areas (outdoor), recreational areas, drainage systems, forestry
- 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: 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 Registration Eligibility Decision](#) (RED) Signed 08/2002
- Supporting information:
  - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [The silence of the clams: Forestry registered pesticides as multiple stressors on soft-shell clams](#). Tissot, A.G., Granek, E.F., Thompson, A.W., Hladik, M.L., Moran, P.W. and Scully-Engelmeyer, K. Science of The Total Environment, p.152053.
  - [Pesticides and prostate cancer incidence and mortality: An environment-wide association study](#). Soerensen, S. et al. (2024) Pesticides and prostate cancer incidence and mortality: An environment-wide association study, Cancer. Available at:

[https://acsjournals.onlinelibrary.wiley.com/doi/10.1002/cncr.35572.](https://acsjournals.onlinelibrary.wiley.com/doi/10.1002/cncr.35572)

- [Assessing the Presence of Current-Use Pesticides in Mid-Elevation Sierra Nevada Streams Using Passive Samplers, California, 2018–19](#). De Parsia, M.D., Orlando, J.L., and Hladik, M.L., 2023, Assessing the presence of current-use pesticides in mid-elevation Sierra Nevada streams using passive samplers, California, 2018–19: U.S. Geological Survey Scientific Investigations Report 2022–5129, 31 p., <https://doi.org/10.3133/sir20225129>.
- [Assessment of genetic damage levels in agricultural workers exposed to pesticides in Paraíba, Brazil](#). Carvalho-Gonçalves, L. et al. (2025) Assessment of genetic damage levels in agricultural workers exposed to pesticides in Paraíba, Brazil, Environmental Toxicology and Pharmacology. Available at: <https://www.sciencedirect.com/science/article/abs/pii/S1382668925000900>.
- [Pesticides and Pesticide Degradates in Groundwater Used for Public Supply across the United States: Occurrence and Human-Health Context](#). Bexfield, Laura M et al. "Pesticides and Pesticide Degradates in Groundwater Used for Public Supply across the United States: Occurrence and Human-Health Context." Environmental science & technology vol. 55,1 (2021): 362-372. doi:10.1021/acs.est.0c05793

## **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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