

Chemical Factsheet

Chlorsulfuron

General Information

- Product Names:
CHLORMET XP
LANDMARK XP HERBICIDE
TELAR XP
PERSPECTIVE
CIMARRON PLUS
FINESSE GRASS & BROADLEAF HERBICIDE
CHISUM
REPORT EXTRA
ETI 123 01 H-D2
NUP
- Chemical Class: Sulfonylurea herbicide
- Uses: Use on on cereal grains, pasture and rangeland, industrial sites, and turf grass
- 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: Not documented
- Sensitizer/ Irritant: Not documented
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Yes, aquatic plants (1)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Regulatory Documents](#)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Pesticide effects on nitrogen cycle related microbial functions and community composition](#). Sim, J. X. F., Doolette, C. L., Vasileiadis, S., Drigo, B., Wyrsh, E. R., Djordjevic, S. P., Donner, E., Karpouzas, D. G., & Lombi, E. (2022). Pesticide effects on nitrogen cycle related microbial functions and community composition. *The Science of the total environment*, 807(Pt 1), 150734. <https://doi.org/10.1016/j.scitotenv.2021.150734>

Gateway Health and Environmental Effects Citations

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

Factsheet generated on June 21, 2026