

# Chemical Factsheet

## Saflufenacil

### General Information

- Product Names:
  - Saflufenacil CS Herbicide** (BASF)
  - Kixor Herbicide** (BASF)
  - Heat Powered By Kixor Herbicide** (BASF)
  - Sharpen Powered By Kixor Herbicide** (BASF)
  - Treevix Powered By Kixor Herbicide** (BASF)
  - Kixor Herbicide Technical** (BASF)
- Chemical Class: Pyrimidinediones
- Uses: on broadleaf weeds in crops like corn, soybeans, and sunflowers.
- 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: Yes (1)
- 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 (1)
- Toxic to Bees: Not documented

### Additional Information

- Regulatory Status:
  - [EPA Factsheet](#) (2009)
  - [EPA Ecological Risk Assessment](#) (2011)
- Supporting information:
  - [PAN Pesticides Database: Saflufenacil](#) (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - [Impact of saflufenacil and glyphosate-based herbicides on the morphoanatomical and development of Enterolobium contortisiliquum \(Vell.\) Morong \(Fabaceae\): new insights into a non-target tropical tree species.](#) de Araújo, H.H., Soares, G.D.D., Dias-Pereira, J. et al. Impact of saflufenacil and glyphosate-based herbicides on the morphoanatomical and development of Enterolobium contortisiliquum (Vell.) Morong (Fabaceae): new insights into a non-target tropical tree species. Environ Sci Pollut Res 31, 61254–61269 (2024).

<https://doi.org/10.1007/s11356-024-35223-4>

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

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

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