

Chemical Factsheet

Fomesafen

General Information

- Product Names:
 - Flexstar** (Syngenta)
 - Reflex** (Syngenta)
 - Shafen Star** (Sharda)
 - Top Gun** (Loveland)
- Chemical Class: Diphenyl ether herbicide
- Uses: Approved for use on soybeans, snap beans, dry beans, and cotton
- 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: Yes (1)
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Not documented
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [Final Registration Review Decision expected Mar 2010](#)
- Supporting information:
 - [PAN Pesticides Database - Fomesafen](#) (Pesticide Action Network)

Gateway Health and Environmental Effects Citations

1. EPA Pesticide Registration Review Status

http://www.epa.gov/oppsrrd1/registration_review/reg_review_status.htm

Factsheet generated on June 30, 2026