

Chemical Factsheet

Fluazinam

General Information

- Product Names:
Omega (ISK)
- Chemical Class: 2,6-Dinitroaniline
- Uses: Fungicide
- Alternatives: [Organic agriculture](#)
- Beyond Pesticides rating: [Toxic](#)

Health and Environmental Effects

See *citations* at end of document.

- Cancer: Suggestive (1)
- Endocrine Disruption: No
- 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: Yes (1)
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Factsheet](#) (2001)
- Supporting information:
 - [PAN Pesticides Database](#) (Pesticide Action Network)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
 - [Transport mechanisms of pesticide mixtures impairing intestinal barrier function in mice](#). Liu, Z. et al. (2025) Transport mechanisms of pesticide mixtures impairing intestinal barrier function in mice, Pesticide Biochemistry and Physiology. Available at: <https://www.sciencedirect.com/science/article/abs/pii/S0048357525000690>.

Gateway Health and Environmental Effects Citations

1. U.S. EPA, Office of Prevention, Pesticides and Toxic Substances, New Active Ingredients Factsheets: <http://web.archive.org/web/20120107215849/http://www.epa.gov/oppd001/factsheets/index.htm>

Factsheet generated on February 1, 2026