

# Chemical Factsheet

## Acibenzolar-S-methyl

### General Information

- Product Names:
  - Actigard** (Syngenta)
  - Bion** (Syngenta)
- Chemical Class: Benzothiadiazole herbicide
- Uses: Induces host plant resistance to pests
- Alternatives: [Organic agriculture](#), [Lawns/broadleaf plants](#)
- 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: 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](#) (8/2000)
- Supporting information:
  - [PAN Pesticides Database](#): (Pesticide Action Network)

### 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/opprd001/factsheets/index.htm>

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