

# Chemical Factsheet

## Ecolyst (N-N-diethyl-2-(4-methylbenzyloxy) ethylamine hydrochloride)

### General Information

- Chemical Class: Plant growth Regulator
- Uses: Used to shorten the time to maturation of oranges when applied during spring bloom.
- Beyond Pesticides rating:

### Health and Environmental Effects

See *citations at end of document*.

- Cancer: Not Likely (1)
- Endocrine Disruption: Not documented
- Reproductive Effects: Yes (2)
- Neurotoxicity: Yes (2)
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Yes (2)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Yes (2)
- Toxic to Birds: Yes (2)
- Toxic to Fish/Aquatic Organisms: Yes (2)
- Toxic to Bees: Not documented

### Additional Information

- Regulatory Status:
  - [New Chemical Registration Fact Sheet 12/1999](#)
- Supporting information:
  - PAN Pesticides Database: [Ecolyst](#) (Pesticide Action Network)

### Gateway Health and Environmental Effects Citations

1. Pesticide Action Network Pesticide Database. [http://www.pesticideinfo.org/Search\\_Chemicals.jsp](http://www.pesticideinfo.org/Search_Chemicals.jsp).
2. 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>

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