

# Chemical Factsheet

## Clove oil

### General Information

- Product Names:
  - Sharp Shooter** (St. Gabriel Laboratories)
  - Burnout II Weed and Grass Killer Concentrate** (St. Gabriel Laboratories)
  - Burnout II Weed and Grass Killer** (St. Gabriel Laboratories)
  - Moss Killer Concentrate** (St. Gabriel Laboratories)
  - Matran 2** (EcoSmart Technologies)
  - Garden Insect Killer** (EcoSmart Technologies)
  - Weed Zap** (JH Biotech Inc.)
- Chemical Class: Essential oil
- Uses: [Lawns/broadleaf plants](#)
- Beyond Pesticides rating: [Least-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: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Not documented
- Toxic to Bees: Not documented

### Residential Uses as Found in the ManageSafe™ Database

- [Fleas](#)
- [Deer](#)

### Additional Information

- Regulatory Status:
  - [EPA Minimum Risk \(FIFRA 25\(b\)\) Pesticides](#)
- Supporting information:
  - [NCAP Pesticide Factsheet](#) (Northwest Coalition for Alternatives to Pesticides)
  - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies:
  - [The Potential Use of Vinegar and a Clove Oil Herbicide for Weed Control in Sweet Corn.](#)

[Potato, and Onion.](#) Evans, G. J. and Bellinder, R. R. . 2009. *Weed Technology*

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