

Chemical Factsheet

Linalool

General Information

- Product Names:
 - Mosquitol-L** (Bedoukian Research Inc)
 - Mosquito Cognito** (Biosensory, Inc.)
 - Conceal Candle** (Biosensory, Inc.)
 - Mosquito Deleto Inhibitor** (The Coleman Co. Inc.)
 - Malibu Mosquito Inhibitor** (Intermatic Inc.)
 - Farnam Adams Carpet Powder** (Adams)
- Chemical Class: Biopesticide
- Uses: [Insect repellent](#)
- 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: Yes (1)
- 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

- [Mosquitoes](#)
- [Fleas](#)

Additional Information

- Regulatory Status:
 - [EPA Registration Review](#) (April 2007)
- Supporting information:
 - [Least-Toxic Control of Fleas](#) (Beyond Pesticides)
 - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies:
 - [Efficacy of the Botanical Repellents Geraniol, Linalool, and Citronella Against Mosquitoes.](#)

- Müller GC, et al. 2009. *Journal of Vector Ecology*.
- [Indoor Protection Against Mosquito and Sand Fly Bites: A Comparison Between Citronella, Linalool, and Geraniol Candles](#). Müller GC, et al. 2008. *Journal of the American Mosquito Control Association*.

Gateway Health and Environmental Effects Citations

1. National Library of Medicine. PubChem Hazardous Substances Database. [PubChem \(nih.gov\)](#)

Factsheet generated on May 18, 2026