

Chemical Factsheet

Citronella Oil

General Information

- Product Names:
 - Cutter Insect Repellent RDCO 31RN** (Spectrum, A Div Of United Industries Corp)
 - Cutter Insect Repellent Icarus** (Spectrum, A Div Of United Industries Corp)

 - Off! Citronella Candle** (S.C. Johnson & Son Inc.)
 - Off! Citronella Bucket** (S.C. Johnson & Son Inc.)

 - Buzz Away Insect Repellent** (Quantum Inc)
 - Buzz Away Insect Repellent Towelettes** (Quantum Inc)
 - Aloe Herbal Horse Spray** (Espree Animal Products, Inc)
 - Aloe Herbal Horse Spray Ready-To-Use** (Espree Animal Products, Inc)

 - Scent-Off Pellets** (Baker's & 18 Corporation)
 - St. Gabriel Laboratories Mosquito Repellent** (St. Gabriel Laboratories)
 - Natrapel Plus Insect Repellent in ECO-Spray Can** (Tender Corporation)
- Chemical Class: Biopesticide
- Uses: [Mosquito repellent](#), animal repellent
- Alternatives:
- 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](#)
- [Head Lice](#)
- [Fleas](#)
- [Pantry Moths](#)

Additional Information

- Regulatory Status:
 - [EPA Reregistration Eligibility Decision \(RED\)](#)
 - [EPA Factsheet](#) (11/1999)
 - [EPA Minimum Risk \[FIFRA 25\(b\)\] Pesticides](#)
- Supporting information:
 - [Least-Toxic Control of Mosquitoes](#) (Beyond Pesticides)
 - [NCAP Pesticide Factsheet](#) (Northwest Coalition for Alternatives to Pesticides)
 - [PAN Pesticides Database](#): (Pesticide Action Network)
- Studies:
 - [Citronella Oil- Mixture of terpenes in plant oil provides a relatively safe way to stave off pesky flying insects](#). Ritter, S. 2006. *Chemical & Engineering News*.
 - [Evaluation of the efficacy of 3% citronella candles and 5% citronella incense for protection against field populations of Aedes mosquitoes](#). Lindsay, LR et al. 1996. *J Am Mosq Control Assoc*

Gateway Health and Environmental Effects Citations

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

Factsheet generated on June 13, 2026