

Chemical Factsheet

Rosemary Oil

General Information

- Product Names:
 - Biorganic Crawling Insect Killer** Biorganic
 - EcoExempt** EcoSmart
 - Ecologic Weed & Grass Killer** EcoLogic
 - EcoSmart Weed & Grass Killer** EcoSmart
 - Essentria IC3** Central Garden & Pet Company
 - Sporan** EcoSmart
- Chemical Class: Essential Oil
- Uses: Used for crop protection; food handling areas; domestic gardens on a wide range of agricultural crops like vegetables, soft fruit, top fruit, nuts to control insect pests, including aphids, ants, beetles and mites.
- 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: Possible (1)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Low (1)
- Toxic to Fish/Aquatic Organisms: Low (1)
- Toxic to Bees: Low (1)

Additional Information

- Regulatory Status:
 - [EPA R.E.D.S Decision for Flower and Vegetable Oils](#) (1993)

Gateway Health and Environmental Effects Citations

1. The University of Hertfordshire. 2021. PPDB: Pesticide Properties DataBase - Rosemary Oil. <https://sitem.herts.ac.uk/aeru/bpdb/Reports/2065.htm>

Factsheet generated on May 1, 2026