

# Chemical Factsheet

## Pine Oil

### General Information

- Product Names:
  - Rockland Penn-O-Pine** (Value Garden Supply)
  - Pine-Act** (National Chemical Laboratories) formulated with 2-Benzyl-4-chlorophenol
  - Pine Quat** (National Chemical Laboratories) formulated with [ADBAC](#)
  - Chemscope Pine Kleen** (ABC Compounding) formulated with [ADBAC](#)
  - Vita-Pine** (ABC compounding) formulated with Sodium 2-benzyl-4-chlorophenolate
  - Pine-Sol** (Clorox)
  - Clorox Losenip** (Clorox)
  - Bio Guard P-13** (Lonza) formulated with [ADBAC](#)
  - Unipine** (IFF Chemical Holdings)
  - Uniclean** (IFF Chemical Holdings)
  - Elpinol** (T&R Chemicals)
  - Pine Glo** (Pine Glo Products)
  - Needle** (Clorox Professional)
  - Snip** (Clorox Professional)
- Chemical Class: Alpha-terpineol and terpinolene/antimicrobial
- Uses: Used as a disinfectant, sanitizer, microbicide/microbistat, virucide, insecticide on indoor (non-food), indoor residential, indoor medical sites.
- 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: Yes (1)
- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Slightly (1)
- Toxic to Bees: Not documented

### Additional Information

- Regulatory Status:
  - [EPA Reregistration Eligibility Decision \(RED\)](#) signed (9/2006)
- Supporting information:
  - [PAN Pesticides Database](#): (Pesticide Action Network)

## **Gateway Health and Environmental Effects Citations**

1. US EPA, Office of Prevention, Pesticides and Toxic Substances, Reregistration Eligibility Decisions (REDs), Interim REDS (iREDs) and RED Factsheets.

<https://archive.epa.gov/pesticides/reregistration/web/html/status.html>.

Factsheet generated on May 26, 2026