

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>.

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