

# Chemical Factsheet

## Propylene glycol

### 1,2-Propanediol or 1,2-hydroxypropane

#### General Information

- Product Names:
  - **Ozium Glycol-ized air sanitizer** (Auto Expressions) formulated with Trethylene glycol **WMX-42 Technology Propylene glycol Monolaurate** (3M)
  - **Acaritouch** (Otsuka Agritechno)
- Chemical Class: Fungicide/Antimicrobial solvent
- Uses: Odor-causing bacteria, fleas, mites, red lice, animal pathogenic bacteria (G- and G+ vegetative), shigella bacteria, pasteurilla bacteria, listeria bacteria, herpes simplex I and II, animal viruses, influenza virus A2, aspergillus niger fungus, mold/mildew, pseudomonas SPP, shigella flexneri, shigella sonnei on air treatment (eating establishments, hospital, commercial, institutional, household, bathroom, transportation facilities); medical premises and equipment, commercial, institutional and industrial premises and equipment; laundry equipment; hard non-porous surface treatments (bathroom facilities); automobiles; air conditioning filters; pet treatment, including cats, dogs, and caged birds; environmental inanimate hard surfaces; garbage containers/storage.
- Alternatives: [Least-toxic animal pest controls](#), [Least-toxic lice control](#)
- Beyond Pesticides rating:

#### 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

#### Additional Information

- Regulatory Status:
  - [EPA Reregistration Eligibility Decision](#) (RED) signed (9/2004)
- Supporting information:
  - [CDC Factsheet](#)
  - [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 July 4, 2026