

Chemical Factsheet

L-Lactic Acid

General Information

- Chemical Class: Biochemical Pesticide/Antimicrobial
- Uses: Plant growth regulator, mosquito attractant, antimicrobial disinfectant, indirect food contact surface sanitizer, fungicide, virucide (when applied to hard non-porous surfaces such as tile, countertops, metal or glass).
- 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: Not documented
- Toxic to Bees: Not documented

Additional Information

- Regulatory Status:
 - [EPA Registration Review Documents](#) (06/2009)

Gateway Health and Environmental Effects Citations

1. EPA Pesticide Registration Review Status
http://www.epa.gov/oppsrrd1/registration_review/reg_review_status.htm

Factsheet generated on July 9, 2026