Chemical Factsheet

Clofentezine

General Information

- Product Names:
  Apollo (Makhteshim)
- Chemical Class: Tetrazine miticide
- Uses: Selective mite growth regulator used on almonds, apples, apricots, cherries, grapes, nectarines, peaches, pears, persimmons, prunes, plums, walnuts, and ornamentals
- Alternatives: Organic agriculture
- Beyond Pesticides rating:

Health and Environmental Effects

See citations at end of document.

- Cancer: Possible (1)
- Endocrine Disruption: Yes (2)
- Reproductive Effects: Not documented
- Neurotoxicity: Not documented
- Kidney/Liver Damage: Yes (1)
- Sensitizer/ Irritant: Not documented
- 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 8/2012
- Studies [compiled from the Pesticide-Induced Diseases Database]
  - PAN Pesticides Database: Clofentezine (Pesticide Action Network)
  - Risk Assessment of Florists Exposed to Pesticide Residues through Handling of Flowers and Preparing Bouquets. Toumi, K., Joly, L., Vleminckx, C., & Schiffers, B. (2017). Risk Assessment of Florists Exposed to Pesticide Residues through Handling of Flowers and Preparing Bouquets. International journal of environmental research and public health, 14(5), 526. https://doi.org/10.3390/ijerph14050526

Gateway Health and Environmental Effects Citations

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

2. Colborn, T., D. Dumanoski, and J.P. Myers. 1996. Our Stolen Future: Are We Threatening Our

Fertility, Intelligence, and Survival? New York: Dutton. http://ourstolenfuture.org/Basics/chemlist.htm

Factsheet generated on June 21, 2026