

Chemical Factsheet

Picaridin

KBR 3023

General Information

- Product Names:
 - Cutter Insect Repellent** (Spectrum, A Div Of United Industries Corp)
 - Avon Skin-So-Soft SSS Bug Guard Plus Picaridin Insect Repellent** (Avon Products, Inc.)
 - Natrapel 8 Hour Insect Repellent** (Tender Corporation)
 - Centura Fly And Mosquito Repellent Spray** (Convect GMBH & Co. Kg)
 - Sawyer Premium Insect Repellent 20% Picaridin** (Sawyer Products, Inc.)
- Chemical Class: Piperidine
- Uses: Insect repellent
- 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: 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

Residential Uses as Found in the ManageSafe™ Database

- [Mosquitoes](#)
- [Ticks](#)
- [Chiggers](#)

Additional Information

- Regulatory Status:
 - [EPA Factsheet](#) (5/2005)
- Supporting information:
 - [PAN Pesticides Database](#): (Pesticide Action Network)
 - [CDC Insect Repellent Factsheet](#) (Centers for Disease Control and Prevention, CDC)
 - [NPIC Factsheet](#) (National Pesticide Information Center)

- Studies:
 - [Field evaluation of the efficacy of proprietary repellent formulations with IR3535 and picaridin against Aedes aegypti.](#) Naucke TJ, et al. 2007. *Parasitology Research*
 - [Repellency of IR3535, KBR3023, para-menthane-3,8-diol, and Deet to Black Salt Marsh Mosquitoes \(Diptera: Culicidae\) in the Everglades National Park.](#) Barnard, DR et al. 2002. *J Med. Entomol.*

Gateway Health and Environmental Effects Citations

1. National Library of Medicine. PubChem Hazardous Substances Database. [PubChem \(nih.gov\)](#)

Factsheet generated on May 9, 2026