

# Chemical Factsheet

## Halohydantoins (dihalodialkylhydantoins) (several)

**1-Bromo-3-chloro5,5-dimethylhydantoin**

**1,3-Dibromo-5,5- dimethylhydantoin**

**3-Bromo-1-chloro5,5-dimethylhydantoin**

**1-Chloro5,5-dimethylhydantoin**

**1,3-Dichloro5,5-dimethylhydantoin**

**1,3-Dichloro5-ethyl-5-methylhydantoin**

**1-Bromo-3-chloro5-ethyl-5-methylhydantoin**

### General Information

- Product Names:
  - CLOR MOR BROMINATING TABLETS
  - BIOGUARD MASTER
  - HOCKEY PUCK
  - BROMICIDE TABLETS
  - DANTOBROM
  - DYNAMITE
  - BIO-TROL
  - POOLINE BROMINATING TABLETS
  - K-BROM
- Chemical Class: antimicrobial
- Uses: For microbial control in water and wa ter systems. In particular, the halohydantoins are used as disinfectants in commercial and residential swimming pools, spas and hot tubs; as sanitizers for treatment of toilet bowl water in homes; and for controlling bacterial and fungal contamination in a variety of industrial wate r systems.
- 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: 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: Yes (1)
- Toxic to Bees: Not documented

## Additional Information

- Regulatory Status:
  - [Regulatory Documents](#)

## 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 January 31, 2026