

# Chemical Factsheet

## Halohydantoins (dihalodialkylhydantoins) (several)

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

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

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

**1-Chloro-5,5-dimethylhydantoin**

**1,3-Dichloro-5,5-dimethylhydantoin**

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

**1-Bromo-3-chloro-5-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 water 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 water 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>.

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