



# Product Information

## SANITIZERS

# BROMINATING TABLETS

## BROMINATED SANITIZER FOR SWIMMING POOLS

### Importance of Sanitization

Pools & spas are extremely vulnerable to illness causing bacteria or other contaminants introduced into the water by bathers and spa users. Sanitizers and disinfectants provide protection for swimmers by reducing level of harmful microorganisms in water and continually killing the bacteria. Bromine based sanitizers are strong, effective disinfectants. They kill harmful bacteria, aid in algae control and help keep the pool clean and clear. These sanitizers also leave a beneficial bromine residual in the water that continually destroys new bacteria entering the pool, protecting swimmers from potentially harmful contaminants and therefore should be a critical part of any pool care program.

Brominating tablets, commonly called BCDMH (1-bromo-3-chloro-5,5-dimethylhydantoin) is the most popular method of pool bromination. As the brominating tablets dissolve, both hypobromous acid and hypochlorous acid are released, hence the excellent disinfection properties of the compound. On contact with microorganisms and other organic content, hypobromous acid gets converted into the inactive form or spent bromine. Hypochlorous acid reacts with the built up spent bromine and converts it back to the active sanitizing hypobromous acid form. Although chlorine is continuously being added to the water in the form of hypochlorous acid, hypobromous acid is the primary disinfectant and oxidizer.

### FEATURES

- Works continually to kill bacteria – The hypobromous acid released when the tablets are dissolved in water works continually to kill bacteria, control algae and oxidize the organic contaminants in water.
- Gentle on pool equipment and surfaces.
- Ideal for indoor pools – Unlike chloramines, bromamines formed when hypobromous acid comes in contact with nitrogen compounds and other swimmer wastes are excellent disinfectants.
- No irritating odors – Bromamines do not give rise to irritating odors like those produced by chloramines and are therefore well suited for indoor pools.
- Reduced eye irritation – Brominating sanitizers cause very minimal eye irritation.
- Clears up hazy water and helps prevent algae growth.
- No breakpointing required – Breakpointing or shocking a bromine system to eliminate the bromamines is not necessary as they form effective biocides, occasional shocking is sufficient.

### APPLICATION

- Ensure all pool equipment is working properly, backwash filter system following manufacturer's directions.
- Adjust pH between 7.2-7.6 and establish a bromine or chlorine residual of 1-2 ppm in the pool.
- If residual is established with brominating tablets in a brominator, use the brominator at the highest feed rate.
- Once bromine residual reaches 1-2 ppm, adjust the feeder accordingly.
- To maintain bromine residual, adjust the brominator feed rate to assure a constant treatment level of 1-3 ppm in residential pools and 3-5 ppm in commercial pools.
- Use a test kit or test strips regularly to maintain the bromine residual in the water.

### AVAILABILITY

Brominating tablets are available in 4 lb, 10 lb. & 50 lb pails