

BLAST Tabex® TECHNICAL DATA SHEET

What is Blast?

- ◆ 65% Calcium Hypochlorite
- ◆ unstabilized chlorinated oxidizer and super-chlorinator
- ◆ designed to burn up organic material in swimming pool water

How does Blast work?

- ◆ swimming pool sanitizer
- ◆ disinfects, or sanitizes and oxidizes through the burn out process which purges the pool water from organic contamination
- ◆ once dissolved in water, Hypochlorous Acid is produced which is the compound that disinfects water and oxidizes organics
- ◆ because Hypochlorous Acid has similar structures to water, bacteria mistakes it for water and ingests it, thus resulting in oxidized enzymes, proteins, etc. as well as destroying the cell's metabolism causing the bacteria to die.

Types of Chlorine

- ◆ FREE AVAILABLE CHLORINE (FAC)
 - ◆ Hypochlorous Acid/Hypochlorite Ion which is already in your pool, ready to destroy any new bacteria or organics. Proper levels of FAC assure proper protection for the swimmer.
- ◆ COMBINED AVAILABLE CHLORINE (CAC)
 - ◆ When free chlorine reacts with organic materials, chloramines are created (combined chlorine). This results in eye burn and strong chlorine odor.
- ◆ TOTAL AVAILABLE CHLORINE (TAC)
 - ◆ The sum of the other two residuals

Dosage Rates

- ◆ pre-dissolve recommended dosage in a clean plastic pail with concentration not exceeding 1 kg per 10 L of water.
- ◆ add chemical to water. NEVER water to chemical.
- ◆ Initial fill, 150 g of TABEX Blast per 10, 000 L to establish a chlorine residual. For best results add dosage at dusk.
- ◆ daily maintenance is 30 g per 10, 000 L broadcasting over pool's surface

When do I use Blast?

- ◆ Blast is appropriate for indoor pools where no stabilizer is needed
- ◆ Blast can be used in outdoor pools in conjunction with TABEX Stabilizer
- ◆ Blast can also be used as a super-chlorinator or shock treatment

