

# LITHIUM SHOCK™ Tabex® TECHNICAL DATA SHEET

## What is Lithium Shock™?

Lithium Shock™ is 29% Lithium Hypochlorite. It is an unstabilized chlorinated oxidizer and super-chlorinator, designed to burn up organic material in swimming pool water. It is the safest sanitizer on the market. It dissolves quickly, completely and leaves no residue.

## How does Lithium Shock™ work?

It is used for effective swimming pool sanitation. It serves two functions: to disinfect and to oxidize or “burn out” the organic contamination. Once dissolved in water, Hypochlorous Acid/Hypochlorite Ion is produced which is the compound that disinfects water and oxidizes organics.

## Types of Chlorine

### FREE AVAILABLE CHLORINE (FAC)

Hypochlorous acid/hypochlorite ions are ions which are 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 material, 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

Initially filled pool, broadcast 275 g of Lithium Shock™ per 10,000 L of pool water directly over the pool's surface. Maintain proper residual, broadcast 50 g of Lithium Shock™ per 10,000 L, daily or as needed.

## When do I use Lithium Shock?

You may use Lithium Shock™ as a regular sanitizer for indoor pools daily. You may also use it for outdoor pools in conjunction with TABEX Stabilizer because Lithium Shock™ is unstabilized. Lithium Shock™ can also be used as a super-chlorinator or shock treatment. Because it contains no stabilizer, used in a heavy dosage required for a shock treatment, Lithium Shock™ will not over stabilize the swimming pool.



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