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## CALCIUM HYPOCHLORITE

CAS #: 7778-54-3

### DESCRIPTION

**Calcium Hypochlorite** ( $\text{Ca}(\text{OCl})_2$ ) is an inorganic compound which is the main active ingredient of commercial products called bleaching powder, chlorine powder, or chlorinated lime, used for water treatment and as a bleaching agent. It is relatively stable and has greater available chlorine than sodium hypochlorite.

### TECHNICAL SPECIFICATIONS

Appearance	: White granules
$\text{Ca}(\text{OCl})_2$	: 65% Min. %w/w
Insolubility in	
water	: 7% Max. %w/w
Moisture	: 5% Max. %w/w
Fe	: 0.01% Max. %w/w
Heavy metals	: 10 ppm Max.
Packing	: 35 kg PE drums

### APPLICATIONS

- Disinfecting and deodorizing in food processing, beverage and sugar industries.
- For finishing and extra sheen in the carpet industry.
- Effluent control in wastes containing cyanide.
- Bleaching of cotton yarn, cotton cloth and hemp in textile Industry.
- Bleaching, stain removal & disinfection of cotton clothing in laundries, hospitals & homes.
- Disinfection in water treatment & sewage disposal.
- Controlling of mosquitoes through eradication of mosquito larvae in drains, gutters, ponds etc.
- Disinfection, de-odorizing and bleaching of residential premises, swimming pools, public conveniences etc.
- Disinfection for preservation of vegetables & fruits

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