

EPA Reg. No. 902-013

EPA Est. 902-0A1



CALCIUM HYPOCHLORITE GRANULAR

ACTIVE INGREDIENT	Calcium Hypochlorite	65%
INERT INGREDIENTS		35%
*Available Chlorine 65%		

KEEP OUT OF REACH OF CHILDREN

DANGER!

CONTAMINATION MAY CAUSE FIRE! MIX ONLY INTO WATER

SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL

PRACTICAL TREATMENT: (FIRST AID):

IF SWALLOWED: Feed bread soaked in milk followed by olive oil or cooking oil. Call a physician immediately.

IF ON SKIN: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.

IF IN EYES: Flush with cold water for at least 15 minutes. Get medical attention.

LOT NUMBER

6 LBS. NET WEIGHT

LOS ANGELES CHEMICAL COMPANY

455 ARD NE STREET SOUTH GATE, CALIFORNIA 90280

SUPERCHLORINATION AND ALGAE CONTROL
Superchlorinating, the best method for combating the growth of algae, is as simple as adding the dosage five to ten times the amount of the label above. A residual chlorine level of 10 ppm, lasting at least once a week, preferably at night when the pool is not in use, is necessary for effective algae control.

THE NEED FOR pH and ALKALINITY CONTROL
Maintaining the proper pH and alkalinity of the pool water is essential for proper sanitizing and skin irritation. The proper pH range with LAACO CALCIUM HYPOCHLORITE GRANULAR is 7.2 to 7.6 and should be checked daily with pH test kit. A total alkalinity of 100 ppm is recommended and should be checked weekly with an alkalinity test kit. Alkalinity and pH are decreased with acids and increased with alkalis such as soda ash.

SWIMMING POOL WATER PROBLEMS
As local water supplies will vary in hardness and certain metal content, iron deposits or a reddish brown color may develop. Consult your swimming pool dealer for effective measures.

OTHER USES — GENERAL SANITATION
LAACO CALCIUM HYPOCHLORITE GRANULAR is a convenient and effective way to use chlorine as an effective germicide and disinfectant. Solutions of various strengths are used in the home, dairies and dairy farms, food serving establishments, bars, hotels and in many industries where disinfection and cleanliness are essential.

WATER, SEWAGE AND INDUSTRIAL WASTES TREATMENT
A stock solution (see directions for preparing) is used as an algaecide in streams, rivers, in water, sewage, industrial wastes and cooling systems. The rate of feed should be adjusted to satisfy the chlorine demand and to maintain proper chlorine residual as specified by the government regulations.

COMMERCIAL LAUNDRIES
LAACO CALCIUM HYPOCHLORITE GRANULAR is a general bleach with germicidal and detergent properties. When using detergents, first prepare a stock solution (see directions for preparing). Allow the solution to settle. Use two quarts of solution for each 100 pounds (dry weight) of load in the washer. With common fatty soaps, convert the stock solution to 100 ppm available chlorine in order to prevent the formation of insoluble soaps. To prepare solution, add 5 quarts of a 70 gal. non-metallic vessel containing 15 gallons of 100 ppm water and stir. Add water to the 30 gallon level and continue to stir until thoroughly mixed. Then add 10 quarts of soda ash and continue to stir. Allow to settle until solution is clear. Use two quarts of solution to each 100 pounds of dry wash.

STORAGE AND DISPOSAL: Keep product dry in tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. In case of deterioration, isolate container, if possible, and flood with large amounts of water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area. Do not bury in a safe place.

NOTICE: Recommendations for the use of this product are based upon information believed to be reliable at time of printing. The use of this product being beyond the control of LOS ANGELES CHEMICAL COMPANY, no guarantee, expressed or implied, is made as to the effects of the results to be obtained if not used in accordance with directions on label. The buyer assumes all responsibility for the use of this product. THE BUYER must assume all responsibility for the use of this product, including any damage resulting from its misuse as such or in combination with other chemicals.

DANGER: Do not get in eyes. Wash thoroughly with water. Do not get on clothing before washing before use.

ENVIRONMENTAL: Do not discharge into streams, ponds, or the regional water supply.

PHYSICAL: Do not oxidizing agent. Do not disperse or explosion. Corrosive reaction. Do not mix with acids. Do not mix with water if necessary.

It is a violation of the Federal Insecticide, Fungicide, and Rodenticide Act to sell or distribute this product if the label does not bear the following statement: "To prepare a solution containing 100 ppm available chlorine (100 mg per one gallon vessel in preparation).

For effective disinfection (ppm) of the water, the following should have a minimum of 15 minutes contact with LAACO CALCIUM HYPOCHLORITE GRANULAR.

Gallons of Water	500
1,000	1,000
5,000	5,000
10,000	10,000
25,000	25,000

For intermediate disinfection, use 100 ppm for a minimum of 15 minutes.

ACCEPTED
962-343
OCT 3 1980

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered under EPA Reg. No. 902-013

EPA Reg. No. 950-311

EPA Est. No. 1-A-1



CALCIUM HYPOCHLORITE GRANULAR

ACTIVE INGREDIENT:
Calcium Hypochlorite* 65%
INERT INGREDIENTS 35%
*Available Chlorine 65%

KEEP OUT OF REACH OF CHILDREN
DANGER!

CONTAMINATION MAY CAUSE FIRE! MIX ONLY INTO WATER

SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL

PRACTICAL TREATMENT: (FIRST AID):

IF SWALLOWED: Feed bread soaked in milk followed by olive oil or cooking oil. Call a physician immediately.

IF ON SKIN: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.

IF IN EYES: Flush with cold water for at least 15 minutes. Get medical attention.

LOT NUMBER

6 LBS. NET WEIGHT

LOS ANGELES CHEMICAL COMPANY

4545 AKOINE STREET, SOUTH GATE, CALIFORNIA 90280

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with NPDES Permit. For guidance contact the regional office of EPA.

PHYSICAL AND CHEMICAL HAZARDS — STRONG OXIDIZING AGENT: Strong oxidizing agent. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood with large volumes of water if necessary.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DIRECTIONS FOR PREPARING STOCK LAACO CALCIUM HYPOCHLORITE GRANULAR

To prepare a stock solution containing 10% available chlorine (10,000 ppm), dissolve two ounces of this product per one gallon of water. Use a crock or other non-metallic vessel in preparing or storing solutions.

PRODUCT	LUKEWARM WATER
1 1/2 lbs	10 gallons
3 1/2 lbs	30 gallons
5 lbs	40 gallons

DIRECTIONS FOR SWIMMING POOLS

For effective pool water sanitation, maintain a chlorine residual of 0.6 to 1.0 parts per million (ppm) or the amount required by local regulations. To determine your chlorine residual, you should have a chlorine test kit which may be obtained from your swimming pool dealer. If the test indicates absence of chlorine, add amounts to provide an adequate chlorine level to combat germs entering the water during the swimming period. LAACO CALCIUM HYPOCHLORITE GRANULAR needed to add equivalent of 0.6 ppm available chlorine:

Gallons of Water	Ounces By Weight	Tablespoons	Stock Solution
500	0.06	0.1	1/4 pint
1,000	0.12	0.2	1/2 pint
5,000	0.60	1.0	1 1/2 quarts
10,000	1.20	2.0	2 1/2 quarts
25,000	3.00	5.0	6 1/2 quarts

For intermediate or larger size pools, use the appropriate multiple of pool capacity as gallons. For example, in a 75,000 gallon pool use 3 times the recommended dosage for the 25,000 gallon pool, that is, 9 ounces of LAACO CALCIUM HYPOCHLORITE GRANULAR.