

POISON



DANGER:

Keep Out of Reach of Children.

May produce severe chemical burns. Do not get on skin or in eyes. In case of skin and eye contact, flush with plenty of water. If irritation persists, get medical attention.

ANTIDOTE:

External - Wash Thoroughly with water. For eyes, get prompt medical attention.

Internal - Give milk, water, or egg whites. Call physician immediately.

Granular

HI-CHLON

AVAILABLE CHLORINE	70%
Active Ingredient : Calcium Hypochlorite	70%
Inert Ingredients	30%
	100%

U.S.D.A.

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DIRECTIONS FOR USE

Preparation of HI-CHLON stock solution of 1% (10,000 ppm) available chlorine content

1. Add 1 pound HI-CHLON to about 3 gallons of lukewarm water and stir.
2. Add water to 8 gallons level and stir thoroughly.
3. Leave standing until insoluble ingredients have fully precipitated.
4. Draw off the true solution (supernatant) and store in a dark, cool place.

To obtain a sodium hypochlorite solution of 1% available chlorine.

1. Add 13 ounces soda ash to about 3 gallons lukewarm water and stir. Then add 1 pound HI-CHLON and stir.
2. Follow steps 2,3 and 4 above.

Swimming pool sanitation

State and local health regulations usually recommend maintenance of 0.6 to 1.0 ppm residual chlorine and 7.2 to 7.6 pH in pool water. In a circulating type of inflow type swimming pool charge the inflow or recirculating water continuously with Hi-Chlon 1% stock solution in a hypochlorinator. In a fill and drain type swimming pool use one of the following methods, applying daily or as needed to maintain a chlorine residual of 1.0 ppm.

1. Spread Hi-Chlon 1% stock solution over water surface by pail, or
2. Place Hi-Chlon granules in a coarse cloth bag with pebbles, attach the bag on the end of a pole and draw the bag back and forth through the pool water, or
3. Spréad Hi-Chlon granules on water surface directly.

For pool cleaning or sanitation and deodorizing walkways, floats, diving boards, toilet room floors, shower room floors and locker room floors, for the disinfection of athlete's foot fungi, spread or swab with Hi-Chlon solution of available chlorine 5,000 ppm (dilute 1% stock solution with equal volume of water or dissolve 10 ounces Hi-Chlon in 10 gallons of water). The surfaces should be previously cleaned before applying such a solution.

Disinfection and deodorizing for the food industry

For disinfection of cannery cooling water, charge with Hi-Chlon or Hi-Chlon stock solution of available chlorine 1% so as to get 2ppm residual chlorine in water. First clean all surfaces including floor, tables, shelves and clean all equipments and then spray or swab floor, tables, shelves and other equipments with Hi-Chlon solution of available chlorine 500 to 1,000 ppm for

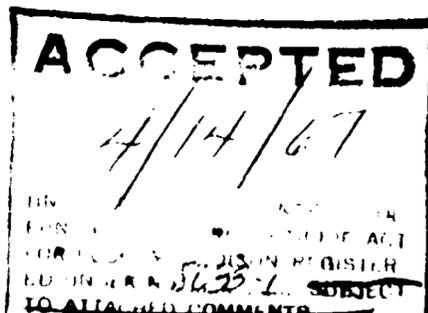
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NET WEIGHT

100 LBS.

Manufactured by

NIPPON SODA CO.,



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Inert Ingredients.....30%
100%

U.S.D.A. Reg. No.

WARNING

HI-CHLON is a strong oxidant. Avoid contact with fire, heat, acid, grease and other combustible materials. Do not smoke when handling the product. Contamination with foreign matter may result in fire. When measuring HI-CHLON, use only a clean dry cup or vessel made of ceramic, plastic, or glass. Keep in a cool dry place in the original container. Always replace cover. Do not allow HI-CHLON to become moist in the drum. Do not skid or drop the drum.

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disinfection and deodorization in canneries, dairy plants, meat processing plants, fresh fruit and vegetable processing plants.

Laundries

Use two quarts of sodium hypochlorite solution of available chlorine 1% for each 100 pounds of wash. It is effective not only for bleaching but also for sanitation and deodorization.

Sewage disposal

HI-Chlon is effective for sanitary disposal, odor control, B.O.D. reduction and removal of poisonous matters of various industries. Requirements of HI-Chlon or HI-Chlon stock solution of available chlorine 1% should be determined by experimentation.

Refer to pamphlet "Granular and Tablet HI-Chlon" for further directions for use.

FLUSH EMPTY CONTAINERS AND

SPILLAGE WITH PLENTY OF WATER.

100 LBS.

Manufactured by

NIPPON SODA CO., LTD.

Tokyo, Japan

8033-1

Granular HI-CHLON

U.S.D.A. Reg. No.

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Tablet

HI-CHLON

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Disinfection of Swimming pools

Every swimming pool owner wants clear pure water in his pool. However, without proper care, pool water can quickly become contaminated by algae spores or by bacteria in the air, in incoming water or carried by bathers. If neglected, it can become infested with algae to say nothing of disagreeable odors. The most effective way to keep a pool attractive and sanitary is to disinfect with chlorination. One way to chlorinate is to use chlorine gas but it is usually packed in heavy hard-to-handle cylinders under high pressure and its high toxicity is a potential danger. One of the economical, effective, easy ways to disinfect a swimming pool is to use HI-CHLON, the complete chlorine source in tablet form. To keep a swimming pool clean and sanitary, the residual chlorine in the pool must be maintained at a level of 0.6 to 1.0 ppm with pH 7.2 to 7.6.

Check the residual chlorine daily or more frequently in order to maintain the standard of 0.6 to 1.0 ppm. The owner should use a test kit.

How to use Tablet HI-CHLON
Tablet HI-CHLON dissolves slowly and releases available chlorine uniformly over a long period of time thus saving the trouble of repeated application. It should be noted, however, that Tablet HI-CHLON must be applied to pool water at least two hours before using the pool because of its slow solubility.

Direct Dosage
The quantity of Tablet HI-CHLON required for the various swimming pools may be fed directly into the water as uniformly as possible. It is emphasized that this application of Tablet HI-CHLON should be confined to swimming pools and not applied to other uses, in order to prevent children from taking Tablet

HI-CHLON internally by accident.

Application by means of Dissolving Baskets
This method is to place the required quantity of Tablet HI-CHLON in perforated plastic baskets and suspend them one foot below the surface of the water from the edge of the swimming pools. In general, two baskets for pools of less than 20,000 gallon capacity are sufficient, with one basket for each additional 10,000 gallons of water.

Applications by means of the Tablet Hypochlorinator
Such devices as the Tablet Hypochlorinator dissolve tablet HI-CHLON, adjusting the concentration of the solution automatically as required. Tablet Hypochlorinators are available on the market. They are very convenient for providing automatic hypochlorination control, because of their excellent property of providing a continuous supply of chlorine over many hours.

U.S.D.A.

WARNING

HI-CHLON is highly flammable. Keep away from fire, heat, and open flames. Do not use in confined spaces. Avoid contamination with other chemicals. When measuring, use a measuring cup or vessel. Keep in a cool, dry place. Always replace the cap. Do not become moist. Do not use in a drum.

The quantity of HI-CHLON required depends upon the volume of water to be treated. Recommended Dosage: Gallons of water treated by one basket of HI-CHLON: 20,000 to 30,000 gallons. Six HI-CHLON tablets per basket.

NET WEIGHT 100 LBS.

Manufactured by

NIPPON SODA CO., LTD.

