

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

8033-8

DATE OF ISSUANCE

25 SEP 1992

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

HI-CHLON 70 EU TABLET

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Nippon Soda Co., Ltd.
c/o Nisso America, Inc.
220 East 42nd Street, Suite 3002
New York, NY 10017

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 8033-8."
 - b. In the "Statement of Practical Treatment," in the "If Swallowed" statement, replace the instruction "feed bread soaked in milk, followed by olive oil or cooking oil" with, "drink large amounts of water."
 - c. Replace the text of the Environmental Hazards section with the following:

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams,

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H-7504C)

Enclosures

PH 32 7033-8

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Begin Front Panel

HI - CHLON 70 EU TABLET

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

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS, flush with cold water for at least 15 minutes. Get medical attention.

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

IF SWALLOWED, feed bread soaked in milk, followed by olive oil or cooking oil. DO NOT induce vomiting. Call a physician immediately.

(See additional precautions on side panel.)

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with COMMENTS
in EPA Letter Dated:

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Manufactured by:

NIPPON SODA CO., LTD.
Ohtemachi, Chiyoda-ku, Tokyo, Japan

EPA REG. NO. 8033-

EPA EST. NO. 8033-JP-2

NET CONTENTS:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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DANGER: Highly corrosive. Causes severe irritation of skin and mucous membrane and emits fumes capable of causing pulmonary edema.
NOT TO BE TAKEN: Harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. 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 waterways unless in accordance with a NPDES permit. For guidance, contact the regional office of the U. S. Environmental Protection Agency.

PHYSICAL OR CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Avoid contact with fire, heat, acid, grease, other combustible materials and small amounts of water. Contamination with such materials or heating will start a chemical reaction and generate heat, hazardous gases and may cause fire or explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air. Flood area with large volume of water, if necessary. While measuring this product, use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other products. Such use or contamination with foreign matter may cause a violent reaction leading to fire or explosion.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

Storage

- 1) Keep this product dry in a tightly closed container, when not in use.
- 2) Store in a cool, dry, well ventilated area away from heat, open flame or direct sunlight.
- 3) In storing, keep out of the rain, and keep containers off wet floors.
- 4) Keep away from sources of heat where temperatures in excess of 50° C for a period of 24 hours or more will be encountered.
- 5) Keep away from contact with moisture, acids, organic or combustible materials such as oils, grease, paints, thinners, kerosene, rubber, clothes, rags,

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papers or waxed paper, logs, tobacco, sulphur, sugar, fertilizers, soap, detergents, etc.

6) If this product is leaking or has been spilled, dispose of spilled product by flushing with large amounts of water. Never return spilled product to original container. Do not throw into trash bin.

7) To extinguish product fire, drench with copious amounts of water. This product contains oxygen; therefore, attempt to smother the fire with a wet blanket. Carbon dioxide or dry chemical extinguisher is not effective.

Container Disposal

Do not reuse empty container. Before discarding, rinse empty container thoroughly with water to dissolve all the remaining material. Place empty container in trash collection and dispose in an approved landfill area.

Precautions for Handling

- 1) Do not drop or roll container sideways. Keep container upright.
- 2) Do not smoke while handling.
- 3) Do not puncture container by protrusion such as fork of fork-lift truck.
- 4) Do not permit heated exhaust gas of truck engine to contact the containers.
- 5) When removing this product from the container, use only a clean, dry cup or scoop. Do not use a cup which contains foreign materials such as moisture, soap, oil, other pool chemicals (e.g., trichloroisocyanuric acid, dichloroisocyanurate).
- 6) Never mix with anything. Check whether there is any foreign materials such as oils, paint, soap, other chemicals or combustible materials in the vessel into which this product is placed. Be sure the container is clean and dry.
- 7) Bandage or fix containers firmly so as not to tumble during loading/unloading or storage in piling up.

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Disinfection of Swimming Pools

Every swimming pool owner wants clean 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.

One of the economical, effective ways to disinfect a swimming pool is to use HI-CHLOR 70 EU TABLET, the complete chlorine source in tablet form. To keep a

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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 a pH of 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 frequently to maintain the proper level of residual chlorine. The test kit also should be used to maintain proper pH.

Swimmers should not enter the pool until the residual chlorine level is below 3 ppm.

How to use Tablet HI-CHLON 70 EU TABLET

HI-CHLON 70 EU TABLET 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 HI-CHLON 70 EU TABLET must be applied to pool water at least two hours before using the pool, because of its slow solubility.

Application by means of Dissolving Baskets

This method is to place the required quantity of HI-CHLON 70 EU TABLET in perforated plastic baskets and suspend them one foot below the surface of the water from the edge of the swimming pool. In general, two baskets for pools of less than 20,000 gallons capacity are sufficient, with one basket needed for each additional 10,000 gallons of water.

Applications by means of the Tablet Hypochlorinator

Such devices as the Tablet Hypochlorinator dissolve HI-CHLON 70 EU TABLET, 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.

The quantities of HI-CHLON 70 EU TABLET required for disinfection depend upon various conditions, such as temperature, sunlight and bathing loads.

Recommended Dosages are as follows:

Gallons of Pool Water	Weight of HI-CHLON 70 EU TABLET
10,000	6-8 ozs.
15,000	9-12 "
50,000	2-2 1/2 lbs.
100,000	4-5 "

One Hi-CHLON 70 EU TABLET tablet weighs approximately 0.7 ounce.

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DISCLAIMER: Since the conditions under which this product will be used are beyond the control of NIPPON SODA COMPANY, LIMITED, the company is not responsible for any accidents occurring during its use.

END FRONT PANEL

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