

PM 32

52483-1

12/11/97

1/2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 11 1997

Mr. Donald Dechello
H. Krevit & Co., Inc.
73 Welton Street
New Haven, Ct 06511

Dear Mr. Dechello:

Subject: Hypochlorite Solution
EPA Registration No. 52483-1
Your Amendment Dated September 11, 1997

This is in response to your amendment of new use for label.

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable subject to the following comments.

Revise the "Environmental Hazards" statement to read:

"This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. 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.

Under the Directions For Use "Swimming Pool Water Disinfection" paragraph three: change "1/2 gallon" to "1/2 gallon to 3/4 gallon."

If you have any questions, please call Marianne Clark at (703) 308-6381.

Sincerely yours,



Robert S. Brennis
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7504C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

ACTUAL SIZE OF LABEL 7.5" x 14"

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 11 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 52-483-1

NSF

This product Certified by NSF
The NSF International Code is
250 must be for NSF compliance

HYPOCHLORITE SOLUTION

Active Ingredients:

Sodium Hypochlorite..... 12.50%

Inert Ingredients..... 87.50%

Total..... 100.00%

KEEP OUT OF REACH
OF CHILDREN
DANGER

Statement of First Aid Treatment
(FIRST AID)

IF CONTACT WITH EYES OCCURS
Flush with water for at least 15 min.
Wash. Get prompt medical attention.

IF CONTACT WITH SKIN OCCURS
Wash with plenty of soap and water.

IF SWALLOWED, drink large
amounts of water. DO NOT induce
vomiting. Call a physician or
poison control center immediately.

Manufactured with pride and care by
H. Krevit & Company, Inc.
P.O. Box 9433
New Haven, CT 06534-0433
Tel: 1-203-772-3350

See side panel
for additional precautions.

NOTE:
VENTED CAP
MUST BE
STORED IN
AN UPRIGHT
POSITION

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER:

CORROSIVE: may cause severe skin irritation
or chemical burns to humans and animals. Causes eye
damage. Do not get in eyes, on skin, or on
clothing. Wear goggles or face shield and
rubber gloves when handling this product.
Wash thoroughly after handling. Avoid breathing vapors.
Wash body parts immediately if contact is made.
Do not return until colors have
disappeared.

ENVIRONMENTAL HAZARDS:
This product is toxic to fish and aquatic
organisms. Do not discharge effluent
containing this product into lakes, streams,
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
into sewer systems without previously
notifying the sewage treatment plant
authority. For guidance, contact your state
water board or the regional office of the
Environmental Protection Agency.

PHYSICAL & CHEMICAL HAZARDS:
STRONG OXIDIZING AGENT: Mix only with
water according to label directions. Mixing
this product with glass, with such as
metals, etc., or with ammonia, acids,
degreasers or other chemicals may release
hazardous gases irritating to eyes, lungs and
respiratory membranes.

UN-1791
C.A.S. # 7681-52-9

E.P.A. REG. NO. 52-483-1
E.P.A. EST. NO. 52-483-CT-001

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

SWIMMING POOL - WATER DISINFECTION
FOR A NEW POOL OR SPRING START UP - superchlorinate with 1/2 gallon of this product for each
ten thousand gallons of pool water to yield 5 to 10 ppm available chlorine by weight. Check level
of available chlorine with a test kit. Adjust and maintain water pH to between 7.2 and 7.6.
Adjust and maintain the salinity of the pool to between 350 to 450 ppm.

TO MAINTAIN THE POOL - add monthly or by feeder (once 11 oz. of this product
for each ten thousand gallons of pool water to yield an available chlorine residual
between 0.6 and 1.0 ppm by weight. Superchlorinate pool should maintain a residual
of 1.0 to 1.5 ppm available chlorine. Test the pH, maintain chlorine residual
and salinity of the water frequently with the appropriate test kit.
Frequency of water treatment will depend upon temperature and usage.
Use as directed.

EVERY 2 DAYS - or as necessary, superchlorinate the pool
with 1/2 gallon of this product for each ten thousand gallons
of pool water to yield 5 to 10 ppm available chlorine by
weight. Check the level of available chlorine with a test
kit. Do not re-enter the pool until the chlorine residual
is between 1.0 and 3.0 ppm.

AT THE END OF THE SWIMMING POOL
SEASON - or whenever water is to be
drained from the pool, chlorine must be
allowed to dissipate from treated pool
water before discharge. Do not
discharge the pool water into
sewer prior to discharge.

WATERIZING FOODS -
While water is yet clear and
clean, add 2.5 oz. of this
product per one thousand gallons
of pool water. When the first
cloudiness appears, add 2.5 gallons
of product to a 10,000 gallon
pool. Continue to add product by a
measurable test kit. Cover pool, prevent further
filtration and heating, completely for winter by
following manufacturer's instructions.

USER PLEASE NOTE: This product degrades with age.
Use a chlorine test kit and increase dosage as necessary to
obtain the required level of available chlorine.

STORAGE AND DISPOSAL:
Store this product in a cool dry area, away from direct sunlight and
heat to avoid deterioration. In case of spill, flood area with large
quantities of water. Product or residues that cannot be used should be
diluted with water before disposal in a sanitary sewer. Do not reuse empty
containers but place in trash collection. Do not concentrate blood or food by
sieve, disposal or draining of equipment.

SPILLS, HOT TUBS, IMMERSION TUBS, ETC.
SPRINKLER TUBS: Apply 5 oz. of product per 1000 gallons of water to obtain a free
available chlorine residual of 2 ppm. It is recommended by chlorine experts that the adjust and
maintain pool water pH to between 7.2 and 7.6. Before using this product, it is very
important to check water to test its pH to reduce the efficiency of the product.

DIRECTIONS FOR DISINFECTION OF POTABLE WATER
PUBLIC SYSTEMS: Mix a half of 1 oz. of this product to 100 gallons of water. Begin feeding this solution
with a hypochlorinator and free available chlorine residual of at least 0.2 ppm and no more than 0.6
ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit.
Laboratory sampling must be conducted at a frequency of at least every 10 days as prescribed by the
National Sanitation Primary Drinking Water Regulations. Contact your local Health Department for
further details.

**DIRECTIONS FOR SANITIZING AND DISINFECTING FOOD PROCESSING, DAIRY
EQUIPMENT, BATH TUBS, REFRIGERATORS AND THERMOMETERS**
DISINFECTION METHOD: Prepare a sanitizing solution by thoroughly mixing 1 oz. of
Hypochlorite Solution, 2 oz. of free product with 10 gallons of water to provide
approximately 200 ppm of available chlorine by weight. Clean equipment in
the normal manner. Prior to use, immerse equipment in the sanitizing
solution for at least 2 minutes and allow the solution to drain. Do not
use equipment to water after treatment.

LAUNDRY SANITIZERS

Household Laundry Sanitizers
IN 1000 GAL. TUBS - Thoroughly mix 2 oz. of the product
with 10 gallons of water to provide 200 ppm
available chlorine. Wash 5 minutes then add soap or
detergent. Rinse thoroughly for at least 11 minutes.
IN WASHING MACHINES: The recommended dosage is 2 oz. of
the product to 10 gallons of water. Wash 5 minutes
available chlorine to provide 200 ppm
available chlorine with 5 oz. of water to the
washwater cycle.

Commercial Laundry Sanitizers
Wet loads or clothes should be put
away prior to sanitization. Thoroughly mix
2 oz. of this product to 10 gallons of water
to provide 200 ppm available chlorine.
Immediately after rinsing the sanitizing
solution into the machine, prior to washing
sanitized items in the regular wash cycle with a good
detergent, but the level of available chlorine is sufficient
to sanitize the items. Add water to the product if the
available chlorine level has dropped below 100 ppm.

SEWAGE AND WASTEWATER TREATMENT
Effluent Sludge Control: Apply 1 pint to 1000 ppm available chlorine
solution to a location which will allow complete mixing. Prepare the
solution by mixing 18 to 100 oz. of this product with 100 gallons of water.
Once control is evident, apply a 15 ppm available chlorine solution. Prepare the
solution by mixing 3 oz. of this product with 100 gallons of water.
Filter Backs - Sludge Control: Prepare filter from sodium, fresh to a depth of 1 ft.
above filter media, and add 6 oz. of product per 20 sq ft. evenly over the surface. Wait
30 minutes before draining water to a level that is even with the top of the filter. Wait for
4-6 hours before completely draining and backwashing filter.

NET CONTENTS:
4 GALS. (40 lbs.)
5 GALS. (50 lbs.)
15 GALS. (150 lbs.)
30 GALS. (300 lbs.)
55 GALS. (550 lbs.)

LOT CONTROL NUMBER

2/2