



**PRECAUTIONARY STATEMENTS:
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

DANGER:

Corrosive, may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

ENVIRONMENTAL HAZARDS:

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 into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL & CHEMICAL HAZARDS:

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

See M.S.D.S. for additional precautions.

Distributed
By:



Duso Chemical Co, Inc.

26 Van Kleeck Drive
Poughkeepsie, NY 12601
Tel: (845) 454-6500
Fax: (845) 454-0188
E.P.A. REG. NO. 21718-20001
E.P.A. EST. NO. 52483-CT-001



This product Certified by NSF
The maximum allowable dose is:
84 mg/Liter (or 315 mg/gallon)

**HYPOCHLORITE
SOLUTION**

Active Ingredient:

Sodium Hypochlorite..... 12.50%

Inert Ingredients..... 87.50%

**KEEP OUT OF REACH
OF CHILDREN
DANGER**

FIRST AID

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for further treatment advice.

IF SWALLOWED

- Call a poison control center or doctor for further treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 922-6626 for emergency medical treatment information. Note to Physicians: Probable mucosal damage may contraindicate the use of gastric lavage.

WARNING! • RETURNABLE AND REFILLABLE CONTAINERS
face fines and a reporting to the U.S. Department of T
be replaced and tightened before return. Deposit retu

Buyer Read: This information is taken from sources b
sures may not be required under particular conditions
or mis-handling of any of our products once they leav
or implied, is made concerning the use of this produc

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NOTE:
READ CAREFULLY
DO NOT BE
REDUCED IN
PRICE WITHOUT
NOTIFICATION

**STATEMENTS:
FOR HUMANS AND
DOMESTIC ANIMALS
DANGER:**

May cause severe skin and eye
burns to broken skin.
Wear safety glasses or
gloves when handling
after handling. Avoid
inadequately poorly ventilated
areas. Do not return until
decontaminated.

ENVIRONMENTAL HAZARDS:

Toxic to fish and aquatic
life. Do not discharge effluent
into lakes, streams,
rivers, oceans or public waters
in accordance with the
requirements of the National Pollutant
Discharge Elimination System (NPDES).
If a permit authority has been
issued, follow the permit conditions prior to discharge. Do not
dispose of this product
in landfills without previously
obtaining approval from the local waste treatment plant
operator. For more information, contact your State
Department of Environmental Conservation or the EPA.

CHEMICAL HAZARDS:

CAUTION: Irritant. Mix only with
water in the directions. Mixing
with acids such as feces,
urine, ammonia, acids,
bleach, etc. chemicals may release
toxic gases to eyes, lungs and

Additional precautions.



Chemical Co., Inc.

1000
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Roseton, NY 12601
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52483-CT-001



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- NOTICE NUMBER**
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Note to Physicians: Probable mucosal damage may contraindicate the use of gastric lavage.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this

SWIMMING POOL WATER DISINFECTION

FOR A NEW POOL OR SPRING START UP - superchlorinate with 52 to 104 oz. 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 alkalinity of the pool to between 50 to 100 ppm.

TO MAINTAIN THE POOL - add manually or by feeder device 11oz. 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. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the PH, available chlorine residual and alkalinity of the water frequently with the appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

EVERY 7 DAYS - or as necessary, **SUPERCHLORINATE** the pool with 52 to 104 oz. 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 chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS - While water is still clear and clean, add 3.0 oz. of this product per one thousand gallons of pool water, while the filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

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

SPAS, HOT TUBS, IMMERSION

TANKS, ETC. SPAS/HOT TUBS: -

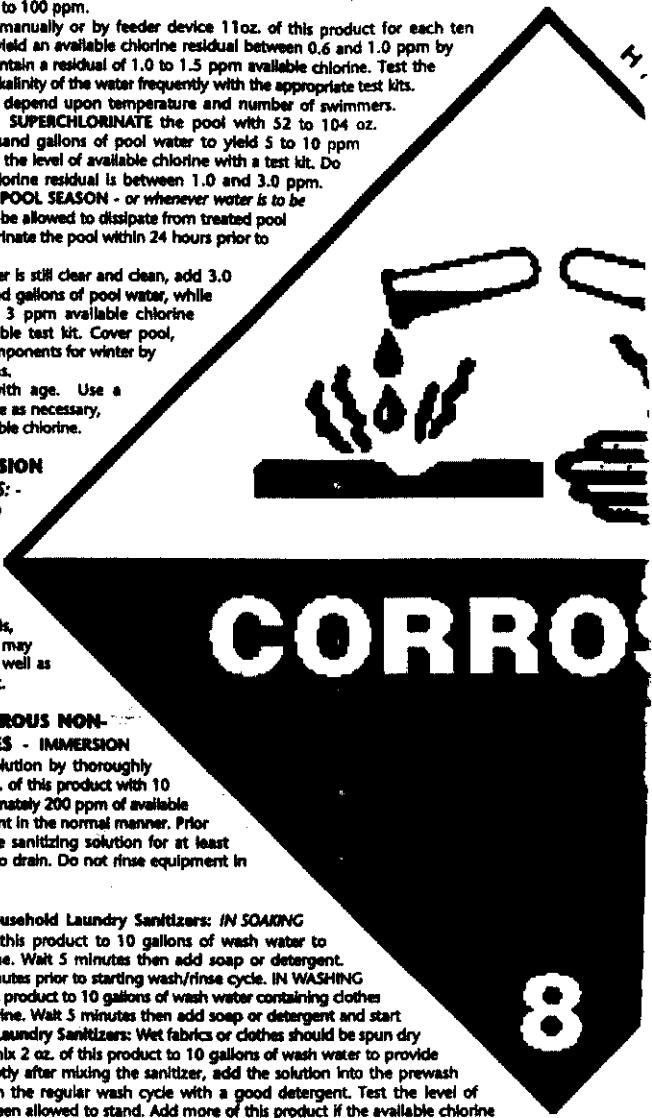
Apply 5 OZ. of product per 1000 gallons of water to obtain a free available chlorine residual of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product.

SANITIZATION OF NONPOROUS NON-FOOD CONTACT SURFACES - IMMERSION

METHOD: Prepare a sanitizing solution by thoroughly mixing. In an immersion tank, 2 oz. of this 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 sanitizer to drain. Do not rinse equipment in water after treatment.

LAUNDRY SANITIZERS: Household Laundry Sanitizers: IN SOAKING

SUDS - Thoroughly mix 2 oz. of this product to 10 gallons of wash water to provide 200 ppm available chlorine. Wait 5 minutes then add soap or detergent. Immerse laundry for at least 11 minutes prior to starting wash/rinse cycle. **IN WASHING SUDS** - Thoroughly mix 2 oz. of this product to 10 gallons of wash water containing clothes to provide 200 ppm available chlorine. Wait 5 minutes then add soap or detergent and start the wash/rinse cycle. **Commercial Laundry Sanitizers:** Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 2 oz. of this product to 10 gallons of wash water to provide 200ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine, if solution has been allowed to stand. Add more of this product if the available chlorine level has dropped below 200 ppm.



WARNING! • **RETURNABLE AND REFILLABLE CONTAINER:** **WARNING:** It is potentially very dangerous and unlawful to put any chemical into this container other than that which is de-
scribed on the label and a reporting to the U.S. Department of Transportation and/or The Department of Environmental Protection. Samples of container residue will be analyzed. Container must
be replaced and tightened before return. Deposit refunds will only be issued after inspection of the returned container.

Buyer Read: This information is taken from sources believed to be reliable and is offered in good faith. However, the distributor makes no warranty as to the absolute correctness or suf-
ficiency of the information. In addition, many of the products we sell can be extremely dangerous or fatal if they are not handled and used according to acc-
ording to the label directions. Therefore the distributor assumes no liability and is not responsible for the improper use, handling or storage of
or implied, is made concerning the use of this product. User assumes all risk and liability from handling, use or application.

Under the
Federal
Insecticide
Act
EPA Reg.

use this product in a manner inconsistent with its labeling.

SEWAGE AND WASTEWATER TREATMENT

Effluent Slime Control: Apply a 100 to 1000 ppm available chlorine solution to a location which will allow complete mixing. Prepare this solution by mixing 10 to 100 oz. of this product with 100 gallons of water. Once control is evident, apply a 15 ppm available chlorine solution. Prepare this solution by mixing 3 oz. of this product with 100 gallons of water. **Filter Beds - Slime Control:** Remove filter from service, drain to a depth of 1 ft. above filter sand, and add 80 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.

DIRECTIONS FOR DISINFECTION OF POTABLE WATER PUBLIC SYSTEMS: Mix a ratio of 1 oz. of this product to 100 gallons of water. Begin feeding this solution with a hypochlorinator until 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. Bacteriological sampling must be conducted at a frequency of no less than that prescribed by the National Primary Drinking Water Regulations. Contact your local Health Department for further details.

COOLING TOWER / EVAPORATIVE CONDENSER WATER

Slug Feed Method - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved. **Subsequent Dose -** when microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1ppm. Badly fouled systems must be cleaned before treatment is begun.

Intermittent feed Method - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown.

Subsequent Dose: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

Continuous Feed Method - Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. **Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 1 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun. **Briquettes or Tablets -** Initially slug dose the system with 52 oz. of this product per 10,000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun. **Subsequent Dose -** when microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1ppm. Badly fouled systems must be cleaned before treatment is begun.

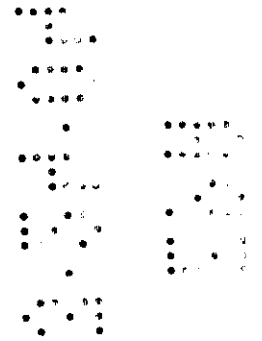
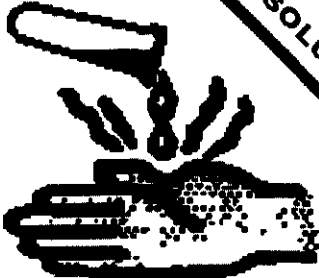
STORAGE AND DISPOSAL:

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 Rinates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse empty container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

OSIVE

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HYPOCHLORITE SOLUTION - UN - 1791



an that which is detailed on the label. Anyone that violates this warning may
1. Container must be clean of all foreign matter and residue and all caps must

correctness or sufficiency of any of the foregoing or that additional or other mea-
d according to accepted industry standards. We have no control over the mis-use
holding or storage of any products we sell. And, no warranty of any kind, expressed

NET CONTENTS:

- 5 GAL.
- 15 GAL.
- 55 GAL.
- Tote 220 GAL.
- Tote 250 GAL.
- Tote 300 GAL.
- Tote 330 GAL.



NFPA

LOT CONTROL NUMBER

ACCEPTED

MAY 21 2004

Under the Federal Insecticide, Fungicide, and
Focentocidc, Act as amended, for the
pesticide registered under
EPA Reg. No. 21718-2000