

A stamped copy of the product label is enclosed for your records. Submit one copy of the final printed label before releasing the product in channels of trade with the revised labeling.

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



Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510C)

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Sodium Hypochlorite Solution (EPA Reg. No. 33981-1)
55 Gallons (550 Pounds)
November 6, 1995 Draft Label
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(Front Panel)

Sodium Hypochlorite Solution

FOR MANUFACTURING AND REPACKAGING USE ONLY

Active Ingredient:

Sodium Hypochlorite	12.5%
Inert Ingredients	<u>87.5%</u>
Total	100.0%

Contains 15.0% available chlorine.

Contains 1.25 pounds available chlorine per gallon.

**KEEP OUT OF REACH OF CHILDREN
DANGER**

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

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

IF IN EYES: Remove contact lenses (if present). Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Get medical attention.

IF ON SKIN: Remove contaminated clothing and wash skin with plenty of soap and water. Get medical attention.

IF INHALED: Move victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

Net Contents: 55 Gallons (550 Pounds)

JAN 13 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the pesticide
registered under EPA Reg. No. 33981-1

ACCEPTED
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Sodium Hypochlorite Solution (EPA Reg. No. 33981-1)
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(Back Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

DANGER. CORROSIVE. MAY CAUSE IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY BE FATAL IF SWALLOWED. Harmful if inhaled. Do not get in eyes or on skin or clothing. Wear safety glasses, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse. Do not breathe vapors. Vacate poorly vented areas as soon as possible. Do not return until strong odors have dissipated. **VENTED CAP. KEEP UPRIGHT.**

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 a 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 EPA.

PHYSICAL OR CHEMICAL HAZARDS:

STRONG OXIDIZING AGENT. Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs, and mucous membranes.

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage or disposal.

PESTICIDE STORAGE: STORE UPRIGHT. STORE AWAY FROM OTHER CHEMICALS SUCH AS AMMONIA AND FERTILIZERS. Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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amended, its pesticide
registered under EPA Reg. No. 33981-1

DIRECTIONS FOR USE

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

Formulators using this product are responsible for obtaining EPA registration of their formulated products.

Degrades with age. Use a test kit and increase dosage as necessary to obtain the required level of available chlorine.

For formulation and repackaging into end-use products intended for the following uses only:

- Post-harvest application to non-stored commodities:
Citrus, grapefruit, lemons, oranges, pecans, apples, pears, quinces, stone fruits, cherries, nectarines, peaches, plums, prunes, melons, cucumbers, peppers, pimentos, tomatoes, brussels sprouts, cabbage, cauliflower, artichokes, lettuce, carrots, potatoes, radishes, sweet potatoes, asparagus, mushrooms, green onions, and celery.
- Seed treatment:
Peppers, pimentos, tomatoes, carrots, and asparagus.
- Foliar treatment:
Mushrooms, elm, and sweetgum.
- Aerial application
- Rose Cuttings
- Raw sugar
- Livestock and meat packing equipment and areas:
Livestock pens (enclosed premise treatment), livestock premises (enclosed premise treatment), livestock stalls (enclosed premise treatment), livestock equipment, livestock feeding equipment, livestock watering equipment, farm premises (unspecified), farm equipment (unspecified), barns (unspecified), meat packing equipment, meat processing plant surfaces, meat processing equipment, meat and processing plant premises.
- Dairy equipment and areas:
Milking equipment, dairy equipment (unspecified), dairy premises (unspecified), milk storage (bulk), dairy utensils, ice cream plants, ice cream processing equipment, creameries (indoor edible), dairy processing plants (indoor edible), butter processing equipment, milk process plant surfaces, milk process plant premises, milk processing equipment, cheese process plant rooms (fogging), and cheese processing equipment.
- Poultry equipment and areas:
Poultry house premises (enclosed premise treatment), poultry feeding equipment, poultry watering equipment, poultry equipment (unspecified), poultry transportation vehicles, commercial egg treatment, poultry drinking water, poultry processing equipment, poultry processing plant premises, egg

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processing equipment, egg processing plant premises, and egg processing water.

- **Fish equipment and areas:**

Fish (excluding shellfish; meat animal), fish hatcheries, fish handling equipment, fish pond equipment, fish hatchery ponds (water treatment), fish ponds (water treatment), marine lobster ponds (water treatment), oyster ponds (water treatment), ponds (ornamental fish), and fish processing equipment.

- **Pets and veterinary:**

Pets (enclosed premise treatment), animal cages, animal living quarters, animal feeding/watering equipment, animal equipment, animal transportation vehicles, animal drinking water, veterinary hospital premises (veterinary use only), veterinary hospital premises, and veterinary hospital materials.

- **Beekeeping equipment**

- **Household premises:**

Bath mats, household contents, household contents (nursery), household sickroom contents, household sickroom equipment, household sickroom utensils, roofs (wood), siding, wood siding, wood siding (nonsoil contact nonfumigation treatment), drains, drain pipes, eating establishment premises (household), eating establishment food contact surfaces (household), laundry (household), and diapers (household).

- **Health care:**

Sickroom equipment, sickroom utensils, hospital premises, hospital critical premises, hospital patient premises, laboratory premises, hemodialysis machines, hospital semicritical items (items in contact with mucosal membranes), hospital noncritical items (items in contact with only unbroken skin), stainless steel surfaces (hospital), bedpans, hospital materials, laundry (hospital), quarantine use, HEW (FDA/BVM; for pesticide claims administered by FDA or BVM), and HEW (FDA/BVM).

- **Food handling and processing:**

Beverage processing water, beverage processing equipment, beverage cases, beverage process plant premises, bottle washer water, brewery pasteurizer water, brewery processing equipment, food processing water, fruit wash water, meat processing water, milk processing water, poultry processing water, sugarcane juice, vegetable processing water, vegetable wash water, vegetable processing plants, vegetable processing equipment, fruit processing water, fruit processing plants, fruit processing equipment, fruit processing plants, dishwashing machine water, food equipment (unspecified), food packing plants (indoor edible), food processing plants (indoor edible), food processing equipment, food processing plant premises, food processing equipment (non-food contact), bakery processing equipment, bakery process plant premises, bottles, bottling plant surfaces, bottling processing equipment, bottling process plant premises, cannery processing equipment, eating establishment premises, eating establishment premises (fogging), eating establishment food contact surfaces, eating establishment non-food contact surfaces, eating establishment equipment

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(non-food contact), eating establishment equipment and utensils, utensils (unspecified), eating utensils, food contact utensils, food contact equipment, refrigerator surfaces, food handling equipment, air treatment (food process plant), and stove surfaces.

- Pulp and paper mill systems
- Swimming pools, whirlpools and spas:
Swimming pool water, swimming pool water (wading pool), swimming pool water (winterizer), hot tubs (outdoor; water treatment), spas (outdoor; water treatment), swimming pool related surfaces, swimming pool surfaces, whirlpool bath water, and whirlpool bath surfaces.
- Artificial sand beaches
- Water systems:
Animal drinking water, human drinking water systems (potable), water (potable), human drinking water surfaces, cooling tower water, evaporative condenser water, ornamental fountains, industrial processing water, immersion ultrasonic tank water, ponds (water treatment), and reservoirs (water treatment).
- Sewage:
Sewage systems, waste water systems, sewage effluent water, and sewage plant equipment.
- Boats:
Boat bottoms, boat/ship hulls/bottoms (primed/unprimed antifouling treatment).
- Tires
- Commercial, industrial and institutional premises:
Entrance mats, floors, locker room premises, shower room premises, shower curtains, drains, drain pipes, institutional equipment, cleansers, and solutions (unspecified).
- Surfaces (hard)
Environmental inanimate hard surfaces, furniture (outdoor), roofs, hard nonporous surfaces, asphalt roofs, and roofs (wood).
- Hard porous surfaces:
Wood surfaces, and fabric surfaces.
- Fabrics:
Laundry (unspecified), laundry (hospital), Laundry (commercial), laundry (household), diapers (pre-soak), and diapers (household).
- Bathroom premises
Shower stalls, toilet bowls, urinals, and diaper pails.
- Garbage
Garbage storage premises, garbage cans, and garbage containers, garbage/refuse areas.

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8018

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Manufactured by:
K.A. Steel Chemicals, Inc.
15185 Main Street
Lemont, IL 60439

EPA Reg. No. 33981-1
EPA Est. No. 33981-IL-01

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
this product is a pesticide which
is registered under EPA Reg. No.

33981-1