

FOR INDUSTRIAL USE ONLY

BEFORE USING, READ AND UNDERSTAND CURRENT MATERIAL SAFETY DATA SHEET FOR THE

PRECAUTIONARY STATEMENT

DANGER \*\*CORROSIVE\*\* Causes severe skin irritation or chemical burns to broken skin. Causes eye damage. May be fatal if swallowed. Avoid breathing vapors. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

HAZARDOUS TO HUMANS AND ANIMALS

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Treated effluent cannot be discharged into lakes, streams, ponds or public waters unless a discharge permit is obtained.

For guidance contact the regional office of the Environmental Protection Agency.

PHYSICAL AND 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 will release hazardous gasses irritating to the eyes, lungs and mucous membranes.

Sodium Hypochlorite Solution degrades with age. If used later than ten (10) days after packaging, use a chlorine test kit to insure that the solution will provide the amount of available chlorine desired.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

STORAGE AND DISPOSAL

Keep this product in a tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame.

In case of spill, isolate container and flood area with large amounts of water to dissolve all material. Dispose of according to local, state, and federal regulations. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

UN NO. 1791

APPROVED BY USDA

# SODIUM HYPOCHLORITE SOLUTION

DISINFECTANT SANITIZER BACTERICIDE DEODORANT FOR

FOOD PROCESSING PLANTS, DAIRY PLANTS, FARMS, HOTELS RESTAURANTS, TAVERNS AND SWIMMING POOLS

ACTIVE INGREDIENT:  
SODIUM HYPOCHLORITE.....12.5%  
INERT INGREDIENTS...87.5%  
KEEP OUT OF REACH OF CHILDREN

## DANGER

NOT REVIEWED

In Accordance with FR Notice 82-2.  
Based on Draft Labeling Dated

PRODUCED FOR  
COYNE CHEMICAL CO.  
CROYDON, PA 19020 PH# 215-785-3000

FIRST AID: If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. GET MEDICAL ATTENTION !! If Swallowed, drink promptly a large quantity water. Do not induce vomiting. Avoid alcohol. Get prompt medical attention.

NOTE TO PHYSICIAN  
PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE.

EST. NO. 41934-PA-001  
EPA REG. NO. 41934-2

### BEST AVAILABLE COPY

DIRECTIONS FOR USE

FOR SWIMMING POOL  
For a new pool or for spring (16 flu. ozs.) of Sodium hypochlorite water. This dosage is equivalent to 1.0 ppm. For POOL MAINTENANCE a) Adjust to maintain. b) Add manually or by automatic feeder at rate of 0.8 to 1.0 ppm. One fourth ounce of product per 4000 gallons of water will provide 1.0 ppm. Frequency of addition will depend on temperature. Use test kit to make certain the pH is in the proper range.

FOR DISINFECTION  
Dilute this solution in the ratio of 1 part of solution to 11 parts of softened water before beginning of solution with free available chlorine residual of 200 ppm throughout the distribution system. Bacteriological sampling should be made less than that prescribed by local health Regulations. (Contact your local health department for more information.)

FOR SANITIZING FOOD SURFACES  
Remove all gross food particles and, when necessary, pre-soak surfaces or objects with detergent solution. Rinse with potable water before use. Before using, by sponge, mop, or brush, all surfaces thoroughly with solution. Maintain contact with solution for 10 minutes. Do not rinse with water. Addition of one fl. oz. of this solution to 100 gallons of water will provide approx. 200 ppm available chlorine. Use on dishes, glasses and utensils. Rinse with clean water. Solution may be used for sanitizing operations. Fresh sanitizing solution should be used often if the solution becomes cloudy. For hard woodwork, add 3 oz. of product per gallon of water. Thoroughly wet surfaces with solution.

CONTENTS INCLUDE  
SODIUM HYPOCHLORITE CAS NO. 7647-14-0  
NET WT. 5.0 LBS.

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FOR ASSISTANCE IN ANY EMERGENCY

## FOR SWIMMING POOL CHLORINATION

For a new pool or, for spring start-up superchlorinate with one (1) pint (16 fl. ozs.) of Sodium hypochlorite solution for each 300 gallons of water. This dosage is equivalent to 5 ppm available chlorine by weight. FOR OOL MAINTENANCE a) Adjust pool water pH to 7.0 - 7.2 range and maintain. b) Add manually or by a feeder device this solution at a rate of 0.8 to 1.0 ppm. One fourth pint (4 fl. ozs) of this solution for each 4000 gallons of water will provide 1.0 ppm available chlorine by weight. Frequency of additions to maintain 0.8 to 1.0 ppm available chlorine will depend on temperature and number of swimmers. Use test kit to make certain the pH and chlorine residual are in the proper range.

## FOR DISINFECTION OF POTABLE WATER

Dilute this solution in the ratio of one part sodium hypochlorite solution to 11 parts of softened water. Mix solution with water thoroughly and begin feeding of solution with hypochlorinator (metering pump). Maintain a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm throughout the distribution system, as determined by a DPD chlorine test kit. Bacteriological sampling must be conducted at a frequency of no less than that prescribed by the National Interim Primary Drinking Water Regulations. (Contact your local Health Dept. for more details) Check water frequently with a DPD test kit.

## FOR SANITIZING FOOD PROCESSING EQUIPMENT

Remove all gross food particles and soil by a pre-flush, or pre-scrape and, when necessary, pre-soak treatment. In addition, thoroughly wash all surfaces or objects with detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution. Just before using, by sponge, mop, spray or by immersion in this solution, wet all surfaces thoroughly with this solution containing 200 ppm available chlorine. maintain contact with this disinfectant for a minimum of 2 minutes. Do not rinse with water after treatment. Do not soak overnight. Addition of one fl. oz. of this solution per 5 gals. of water will provide approx. 200 ppm available chlorine by weight. When used as sanitizing for dishes, glasses and utensils, clean prior to applying a 200 ppm available chlorine solution. Solution must not be reused for sanitizing mechanical operations. Fresh sanitizing solution must be prepared daily, or more often if the solution becomes diluted or soiled.

DISINFECTANT For hard surfaces such as floors, walls and woodwork, add 3 oz. of product to 5 gals. water for 600 ppm available Cl<sub>2</sub>. Thoroughly wet surfaces with solution for at least 10 minutes. Do not rinse.

## CONTENTS INCLUDE:

SODIUM HYPOCHLORITE CAS NO. 7481-52-9  
WATER CAS NO. 7732-18-5

**EMPTY CONTAINER WARNING - DANGER**