



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 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 product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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 local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS: Strong oxidizing agent. Mix only with water according to label directions. Never mix this product with other chemicals such as toilet bowl cleaners, acids, detergents, organic matter or products containing ammonia or vinegar. To do so will release chlorine gas, which is irritating to eyes, lungs, and mucous membranes, and in some cases can be fatal.

ADDITIONAL CAUTIONS: Do not use on copper, aluminum, iron, silverware, antique porcelain, or other metal objects.

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DIRECTIONS FOR USE

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

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 areas with large quantities of water. Unused product or diluted solutions that cannot be used should be diluted with water before disposal in sanitary sewer. Do not contaminate water, food or feed by storage, disposal or use of product. If empty, do not reuse this container. Place in trash or offer for recycling if available. If partly filled, call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

For the Workplace, Kitchen, Bathroom, and Food Preparation Area

To disinfect nonporous non-food contact surfaces such as floors, walls, mops, garbage cans, bathtub, showers, toilet bowls and working surfaces: Clean equipment and surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with a disinfecting solution, maintaining contact with the solution for at least 10 minutes. Prepare the disinfecting solution by thoroughly mixing 1 1/2 ounces of A-1 Bleach with 1 gallon of water to provide approximately 600 ppm available chlorine by weight. After treatment do not further rinse with water and do not soak equipment overnight. Let air dry.

To sanitize nonporous food contact surfaces such as dishes, glasses, eating utensils, sinks and refrigerators: Clean surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with a sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Prepare the sanitizing solution by thoroughly mixing 1/2 ounce of A-1 Bleach with 1 gallon of water to provide approximately 200 ppm available chlorine by weight. If during use the solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse with water after treatment and do not soak equipment overnight. Let air dry.

To sanitize porous food contact surfaces such as wooden surfaces, cutting boards and butcher blocks: Clean surfaces in the normal manner. Prepare a 600 ppm solution by thoroughly mixing 1 1/2 ounces of A-1 Bleach with 1 gallon of water. Rinse the surfaces thoroughly with the 600 ppm solution, maintaining contact for at least 2 minutes. Prior to use, again rinse all surfaces thoroughly with a 200 ppm sanitizing solution. Prepare this solution by thoroughly mixing 1/2 ounce of A-1 Bleach with 1 gallon of water. Do not further rinse after treatment and do not soak overnight. Let air dry.

For Asphalt Or Wood Roofs, Sidings, Decks

To control fungus and mildew, first remove all physical soil by brushing and hosing with clean water, and apply a 5000 ppm available chlorine solution. Mix 12 1/2 oz. of A-1 Bleach per gallon of water and brush or spray roof, siding or deck. After 30 minutes rinse by hosing with clean water. *Keep solution away from plants.*

For Commercial Laundry Sanitizers

Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 2.5 oz. of A-1 Bleach with 5 gallons of water to yield 200 ppm 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 A-1 Bleach if the available chlorine level has dropped below 200 ppm.

For Farms, Kennels, Stables, Livestock and Poultry Areas

Remove all animals, poultry, and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities occupied or transverse by animals or poultry. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. To disinfect, saturate all surfaces with a solution of at least 1000 ppm available chlorine for a period of 10 minutes. A 1000 ppm solution can be made by thoroughly mixing 12.5 oz. of this product with 5 gallons of water. Immerse all halters, ropes and other types of equipment used in handling and restraining animals or poultry, as well as the cleaned forks, shovels and scrapers used for removing litter and manure. Ventilate buildings, cars, boats and other closed spaces. Do not house livestock or poultry or employ equipment until chlorine has been dissipated. All treated feed racks, mangers, troughs, automatic feeders, fountains and waterers must be rinsed with potable water before reuse.

For Food Egg Sanitation

Thoroughly clean all eggs. Mix 5 oz. of A-1 Bleach with 10 gallons of warm water to produce 200 ppm available chlorine solution. The sanitizer temperature should not exceed 130°F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be re-used to sanitize eggs.

DILUTION TABLE

A-1 Bleach to Water	=	Chlorine
1/2 oz to 1 gallon	=	200 ppm
1 1/2 oz to 1 gallon	=	600 ppm
2 1/2 oz to 1 gallon	=	1000 ppm
12 1/2 oz to 1 gallon	=	5000 ppm