

hychloHSD™ is a super-oxidized, water based, non-food contact sanitizer and disinfectant for use on hard, non-porous inanimate surfaces. It is a dilutable concentrated product that is intended for use in food processing plants, agricultural facilities and dairy farms, households, institutions, commercial facilities including markets and hotels. When used according to the directions for use, this product sanitizes and disinfects hard non-porous surfaces including: baked enamel, chrome, glass, glazed porcelain, glazed tile, laminated surfaces, non-porous plastics, plastic laminate, stainless steel, synthetic marble, vinyl. Not recommended for use on: aluminum, brass, chipped enamel, clear plastic, clothes, copper, fabrics, gold, natural marble, painted surfaces, paper surfaces, natural rubber, sealed granite, silver, wood. This product is not for outdoor residential consumer use.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Dilution of Product Concentrate: Prior to use, hychloHSD™ needs to be diluted.

For Broad Spectrum Disinfection: Dilute from the 3300 ppm concentration to the final recommended use concentration of 2200 ppm.

1. Dilute by adding clean water to the concentrate. Use the quick reference table below to determine appropriate dilution amount.

Starting Concentrate	Amount of Water to Add
2 oz	1 oz
33.8 oz (1 L)	16.9 oz (0.5 L)
1 gal (3.78 L)	0.5 gal (1.89 L)
2 gal (7.56 L)	1 gal (3.78 L)
2.5 gal (9.45 L)	1.2 gal (4.72 L)
5 gal (18.9 L)	2.5 gal (9.45 L)

2. Mix and it is ready to use.

For sanitization: Dilute from the 3300 ppm concentration to the final recommended use concentration of 330 ppm.

1. Starting with 1 gallon of concentrate, add 9 gallon of clean water.

2. Mix and it is ready to use.

MICROBIOLOGICAL ACTIVITY

When used as directed, hychloHSD™ disinfecting and sanitizing solution kills 99.9% of the following germs/bacteria.

Disinfection: *Candida albicans* (ATCC 10231), *Escherichia coli* – NDM-1 positive (CDC 1001728), Methicillin Resistant *Staphylococcus aureus* - MRSA (ATCC 33592), *Staphylococcus aureus* (ATCC 6538), *Pseudomonas aeruginosa* (ATCC 15442), *Salmonella enterica* (ATCC 10708) and Influenza A (H1N1) Virus (ATCC VR-1469).

Sanitization: *Enterobacter aerogenes* (ATCC 13048), *Salmonella enterica* (ATCC 10708), *Staphylococcus aureus* (ATCC 6538), *Listeria monocytogenes* (ATCC 19117), *Campylobacter jejuni* (ATCC 29428).

DISINFECTION APPLICATIONS

Hard, Non-porous Indoor Surface Disinfection: To clean and disinfect, first dilute product per above directions. Remove gross filth before applying hychloHSD™. Then apply hychloHSD™ to hard, non-porous surface with a cloth, mop, or coarse spray. Wet the surface thoroughly and re-apply as needed to keep surface wet for 10 minutes. Allow treated surface to air dry.

Small hard, non-porous objects can be soaked in diluted hychloHSD™ solution. Allow objects to soak for 10 minutes (we do not recommend this time to soak stainless steel or metallic objects into the solution).

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

SANITIZATION APPLICATIONS

Hard, Non-porous Non-food contact Indoor Surface Sanitization: To clean and sanitize, first dilute product per above directions. For heavily soiled areas, a preliminary cleaning is required. Apply diluted hychloHSD™ to hard, non-porous surface with a cloth, wipe, mop, sponge, or coarse spray. Treated surface must remain wet for 10 minutes. Allow surfaces to air dry. Food contact surfaces must be rinsed with potable water. Small hard, non-porous objects can be soaked in diluted hychloHSD™ solution. Allow objects to soak for 10 minutes (we do not recommend this time to soak stainless steel or metallic objects into the solution).



STATE OF HAWAII
Department of Agriculture

ACCEPTED
LICENSE NO. **7078.2**



INDUSTRIAL DISINFECTANT

ACTIVE INGREDIENT

Hypochlorous Acid.....0.33%

OTHER INGREDIENTS.....99.67%

Total.....100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION:
SEE SIDE PANEL FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS.



Net Contents: 5 gal

AGRICULTURAL APPLICATIONS

For cleaning livestock or poultry facilities or dairy farms, remove all the animals and feeds from the premises, vehicles, crops, crates, and enclosures. Remove all the litter, manure and droppings from the floors, walls and surfaces of barns, pens chutes and other facilities occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Remove gross soil. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with hychloHSD™ for a period of 5 minutes. Immerse all equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Rinse with potable water before reuse.

PRECAUTIONARY STATEMENTS

CAUTION Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PHYSICAL OR CHEMICAL HAZARDS Do not use this product with other household or industrial chemicals such as toilet bowl cleaners, rust removers, acids, or products containing ammonia. To do so will release hazardous, irritating gas. Prolonged contact with metal may cause pitting or discoloration.

FIRST AID **If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. **If on Skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. **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. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment

STORAGE AND DISPOSAL Do not contaminate food or feed by storage or disposal.

Pesticide Storage: Store hychloHSD™ in its original sealed container at room temperature, away from direct sunlight and heat to avoid deterioration. If the product leaks or spills from the container, rinse the area with water and let it air dry.

Pesticide Disposal: If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program.

Container Handling: [For containers < 5 gallons] Non-refillable Container. Do not refill or reuse container. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[For containers > 5 gallons] Non-refillable Container. Do not refill or reuse container. Triple rinse as follows: Empty the remaining content into application equipment or a mix tank. Fill container 25% full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat the procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

Made For:

AquiLabs, U.S. Advancing the technology of clean.

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