

THE INNOVATION YOU DESERVE

R-Water machines enable facilities to produce their own cleaning and disinfecting solutions on-demand, for less than one penny per gallon. Using only electricity, softened water, and a small amount of pure salt, our patented technology produces a nontoxic hospital-grade disinfectant - approved by the EPA, FDA, and OSHA - that kills harmful pathogens in less than 60 seconds.



THE TC-RU

Generating nontoxic solutions for cleaning and disinfecting - on site, on demand.

- 1 ADD PURE SALT TO THE FILL PORT**
2.7 lbs of salt yields roughly 1,000 gallons of solution.
- 2 POSITION BOTTLES, BUCKETS AND EQUIPMENT UNDER DESIRED DISPENSER**
Rapid flow dispensers have a three gallon per minute flow rate
- 3 PRESS BLUE BUTTON TO DISPENSE SOLUTION**
Solutions are produced and dispensed ready to use (RTU).

ENGINEERED TO WORK AS HARD AS YOU DO



HOSPITAL GRADE DISINFECTION IN 60 SECONDS

Disinfect a variety of surfaces, including floors, metal, wood, walls, doors, glass, and electronics. Approved for use on food and food contact surfaces.



FLOORS AND CARPETS PLUS MORE ALL PURPOSE CLEANER

Removes dirt and residues, including those left behind by detergents. Safe for use in equipment such as floor cleaners, carpet cleaners, and autoscrubbers.



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CALL/TEXT 512.808.4100 | EMAIL INFO@R-WATER.COM
WWW.R-WATER.COM

THE LOGICAL CHOICE FOR DISINFECTION

	TK6 from R-Water	OxyCide™ from Ecolab	Virex® II 256 from Diversey
Healthcare-Grade Disinfectant?	Yes	No	Yes
Dwell Time	1 minute	3-5 minutes	10 minutes
Staph/MRSA kill claim	100%	Concealed	Concealed
C. diff kill claim	99.9997%	Concealed	No claim
Ready to use?	Yes	No	No
Delivery	Produced on site	Shipped	Shipped
RTU Price Per Gallon	<\$0.01	\$1.56*	\$2.16*
Shelf Life (Closed Container)	7 days	1 day	Unknown
Safe for Food Contact Surfaces?	Yes	No	No

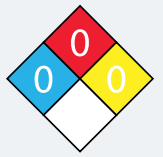
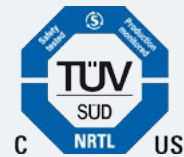
*Pricing varies by contract

TK60 EPA LAB TEST RESULTS

Pathogen	Efficacy (% Kill)	Dwell Time
S. aureus (Staph/MRSA)	100%	60 seconds
<i>P. aeruginosa</i>	100%	60 seconds
C. difficile	99.9997%	60 seconds
Influenza A	99.9%	60 seconds
<i>L. monocytogenes</i> (Listeria)	99.9997%	30 seconds
<i>E. coli</i>	99.995%	60 seconds
Norovirus	99.82%	60 seconds
<i>A. brasiliensis</i> (Black Mold)	99.54%	60 seconds

Dwell time - the minimum amount of time a surface must remain thoroughly wet to achieve efficacy claim.

R-WATER TECHNOLOGY IS APPROVED BY THE AGENCIES YOU TRUST



Woman Owned Business
EPA Establishment No. 91423-TX-1

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SUSTAINABILITY

PRODUCE SOLUTIONS ON-SITE & READY TO USE (RTU)

The self-sustained process significantly reduces your properties facilities entire carbon footprint, while reducing worker, customer and staff exposure to concentrated chemicals.

PROTECT HEALTH & SAFETY

According to the EPA, in the hospitality industry alone, some 27,000 workers in that field are injured by toxic chemicals. These injuries can range from simple rashes that never go away to possible loss of sight or long term respiratory problems.

Between 5-20% of the population gets flu every year, leading to thousands of deaths.

IMPROVE AIR QUALITY

Creating pure cleaning products on site improves your in-door environment by eliminating harmful VOC's (volatile organic compounds) and chemical allergens.

CONSERVE WATER RESOURCES

R-Water solutions do not leave harmful residues behind that need to be rinsed, preserving valuable water.

REDUCE WASTE & TRASH

By reducing chemical deliveries, and landfill waste your carbon footprint will be significantly reduced.

Every day 10% of America's total oil production is used to make plastic containers, millions of which contain hazardous chemicals. These concentrated chemicals are shipped in trucks, consuming thousands of gallons of fuel. These containers are not accepted by recycling centers, so they are deposited in our landfills. Although it is against federal law to dispose of these containers without thoroughly rinsing them multiple times, they get tossed without being rinsed, allowing 'toxic' and 'hazardous' chemicals to pollute our lands and seep into our aquifers.

LEED CERTIFICATION

Certification through Leadership in Energy and Environmental Design (LEED) is currently the most definitive process for promoting sustainable facility development and management. R-Water technology can help in your efforts to earn points in major credit categories such as Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, and Indoor Environmental Quality.



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TK60 EFFICACY OVERVIEW

Claim	Microorganism	Results & Discussion	
Hospital or healthcare disinfectant/hard non-porous surfaces	<i>P. aeruginosa</i> <i>Gram (-) Bacteria</i> <hr/> <i>Staphylococcus aureus</i> <i>Gram (+) Bacteria</i>	100% kill in 60 seconds EPA requires 57/60, 58/60, or 59/60 carriers are negative for each batch tested, depending on testing method. Testing of TK60 solution resulted in elimination of 60/60 carriers.	
99.9997% Efficacy against <i>C. diff</i>	<i>Clostridium difficile</i> <i>C. diff</i>	99.9997% kill Efficacy indicates activity against a spore-forming bacterium which can cause colitis (inflammation of the large intestine) and infectious diarrhea.	
99.82% Efficacy against Norovirus	Feline Calicivirus <i>Surrogate for Human Norovirus</i>	99.82% kill Efficacy indicates virucidal activity; recognized by the EPA for claims against Human Norovirus which can cause gastroenteritis (i.e. "food-poisoning" or "stomach-flu").	
99.9% Efficacy against Influenza	Influenza A (H1N1) virus	99.9% kill Efficacy indicates virucidal activity against a virus which can cause seasonal influenza and viral respiratory infections (i.e. bronchitis, common cold, croup and pneumonia).	
99.54% Efficacy against Black Mold	<i>Aspergillus brasiliensis</i>	99.54% kill Efficacy indicates fungicidal activity against fungus that can cause illness in humans	
FOOD SAFETY	99.9997% Efficacy against Listeria	<i>Listeria monocytogenes</i> <i>Listeriosis</i>	99.9997% kill in 30 seconds Efficacy indicates activity against bacteria which can cause bacteremia and infections of the central nervous system (i.e. meningitis, meningoencephalitis, brain abscess, cerebritis), as well as gastroenteritis.
	99.995% Efficacy against E. Coli	<i>Escherichia coli</i> <i>E. coli</i>	99.995% kill Efficacy indicates activity against bacteria that cause serious food poisoning, as well as recalls due to food contamination.

BLOODBORNE PATHOGENS

Solution was tested in accordance with OSHA's bloodborne pathogen disinfection guidance, and is approved for use against bloodborne pathogens.

FOOD CONTACT SURFACES

TK60 - hypochlorous acid - is approved for use on food contact surfaces by the Food and Drug Administration (FDA).

This document is intended to provide information about the efficacy testing for TK60 and is for informational purposes only.

CHEMICAL COSTS YOU CAN AVOID

DIRECT COSTS

Chemical Purchase

More products needed to keep facilities clean and disinfected; increasing monthly chemical costs.

Labor

With several steps for use, employees require more time to learn proper handling procedures and spend more time prepping chemicals daily.

INDIRECT COSTS

Inefficiencies

Chemical disinfectants require upwards of 10 minutes to thoroughly disinfect leaving employees two options; wait or alter protocol.

Processing & Invoicing

Time spent tracking, ordering and receiving chemical shipments regularly reduces time available for other tasks.

Damages

Harsh chemical compounds reduce the life expectancy of surfaces, so facility decor and finishes are replaced more frequently.



OPPORTUNITY COST

Branding

More knowledgeable and demanding consumers demonstrate higher preference and loyalty to companies focused on safety and environmental responsibility.

Special Markets

Growing awareness of health conditions and triggers has led to special markets with very specific needs and considerations.



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