



**North Carolina Department of Health and Human Services
and
Ecolab**

Agenda

- Introductions
- Chemicals Dispensers
- Air Gaps
- Chemical Testing
- Questions





Ecolab

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Chemical Dispensers





Chemical Testing

- Chlorine solutions
 - 50 – 75 PPM

- Quat solutions
 - 150 – 400 PPM

- Sink and Surface Sanitizer
 - Covid 19 – 15 Seconds
 - Broad Claim

- Peroxide
 - Board Claim



Chlorine Sanitizing



Chlorine Sanitizer Test Procedures for Low-Temperature Dishmachines

Procedimientos de prueba de desinfectante de cloro para lavavajillas de baja temperatura

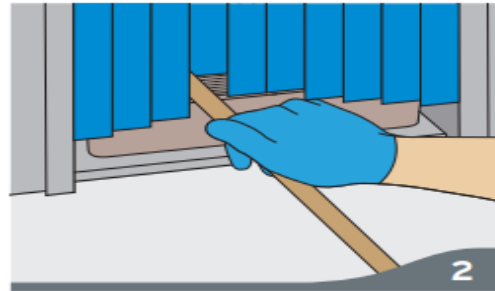
Please refer to the product label for complete directions for use and review the machine data plate for required chlorine concentration.
Consulte en la etiqueta del producto las instrucciones completas para su uso y revise en la placa de datos de la máquina la concentración requerida de cloro.



Push an empty rack into the machine until the wash cycle begins.

Empuje una parrilla vacía al interior de la máquina hasta que comience el ciclo de lavado.

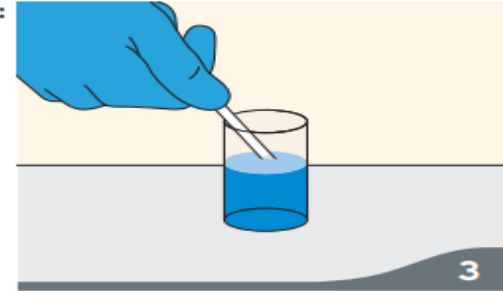
1



For conveyor dishmachines: When the rack activates rinse, use proper PPE and equipment to collect a rinse sample directly from the rinse nozzles.

Para lavavajillas con banda transportadora: Cuando la rejilla active el enjuague, use el equipo de protección personal adecuado y el equipo para recolectar la muestra de enjuague directamente de las boquillas de enjuague.

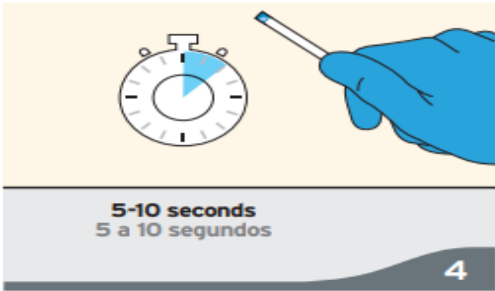
2



Take one test strip and dip into solution. Remove immediately and do not shake off excess sample.

Tome una tira reactiva y suméjala en la solución. Retírela inmediatamente y no sacuda el exceso de muestra.

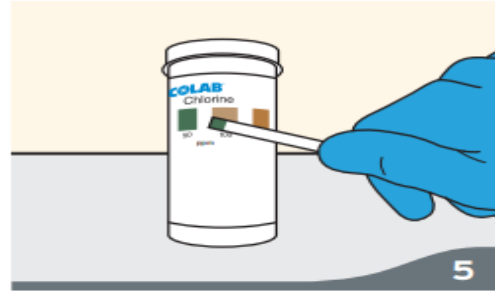
3



After dipping, let sit for at least 5 seconds but not more than 10 seconds before reading the strip.

Después de sumergir, espere al menos 5 segundos, pero no más de 10 segundos antes de leer la tira.

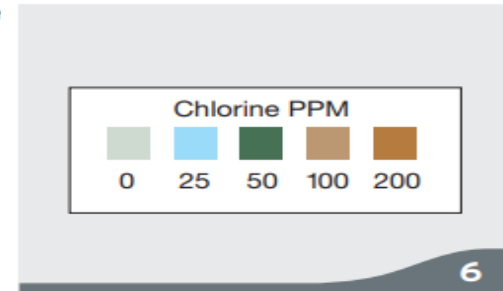
4



Match the test strip to the color chart to determine chlorine concentration. If the solution is outside the designated range on the data plate, run an additional rack through the machine and repeat the test.

Compare la tira reactiva con la tabla de color para determinar la concentración de cloro. Si la solución está fuera del rango designado en la placa de datos, pase una rejilla adicional por la máquina y repita la prueba.

5



Repeat step 5 to match the center of the test strip pad to the color chart to determine chlorine concentration. If the solution is still outside the range, please contact your Ecolab Representative.

Repita el paso 5 para comparar el centro de la tira reactiva con la tabla de color para determinar la concentración de cloro. Si la solución aún está fuera del rango, comuníquese con su representante de Ecolab.

6

Quat Testing

EPA Registered No Rinse Quat Sanitizer

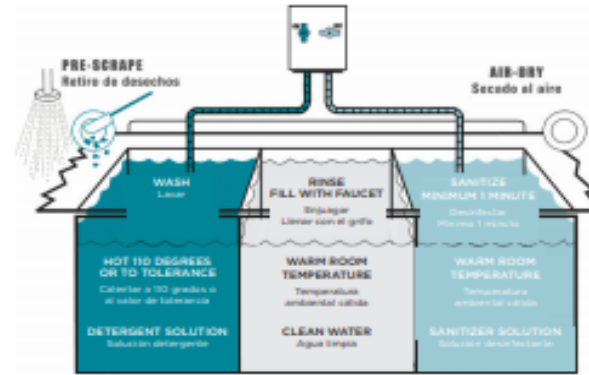
Registrado en EPA como desinfectante cuaternario que no requiere enjuague

22 Multi-Quat Sanitizer is a concentrated, no rinse quat sanitizer that is effective across a dilution range of 0.25 - 0.67 per gallon of water. You get a wider sanitation range with maximum convenience. It's an easy spray and wipe, mop bucket or third sink sanitizer application with no rinsing required.

El Desinfectante Multi-Quat 22 es un desinfectante concentrado cuaternario que no requiere enjuague y es efectivo en una gama de dilución de 1.95 a 5.23 ml por litro de agua. El producto ofrece una gama de desinfección más amplia con un máximo de conveniencia. Es un desinfectante fácil de rociar y secar, aplicar en tercer fregadero o con trapero y no requiere ser enjuagado.

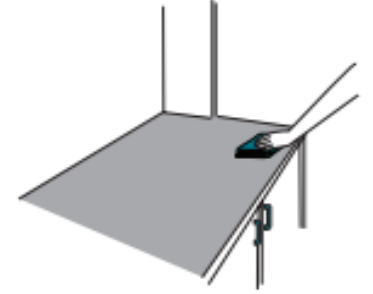
150 - 400 PPM EFFICACY RANGE FOR CONVENIENT SANITIZATION

Gama de eficacia para una desinfección conveniente: de 150 a 400 partes por millón



THIRD SINK SANITIZER

Desinfectante para el tercer fregadero

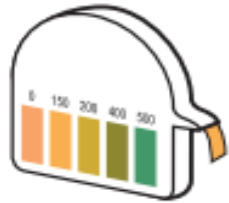


SURFACE SANITIZER

Desinfectante de superficies

HYDRION QT-10 INSTRUCTION

Instrucciones - Hydrion QT-10

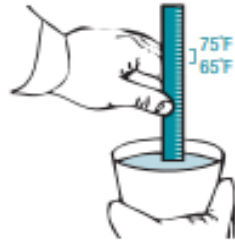


WITHDRAW AND TEAR OFF APPROXIMATELY 2 INCHES OF PAPER FROM DISPENSER.

Saque y desprenda del dispensador una cinta de papel de aproximadamente 2 pulgadas (5 cm).

SANITIZATION RANGE TESTING

Prueba de Gama de Desinfección



TESTING SOLUTIONS SHOULD BE AT ROOM TEMPERATURE - 65°F - 75°F.

La solución de ensayo debe estar a la temperatura ambiente: de 65°F - 75°F. (18°C a 24°C)



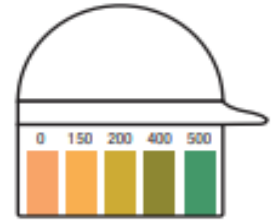
DIP PAPER FOR 10 SECONDS. DON'T SHAKE.

Sumerja la cinta en la solución por 10 segundos. No la agite.



COMPARE COLORS IMMEDIATELY WITH COLORS ON THE TEST STRIP PACKAGE TO DETERMINE PPM*. ALWAYS COMPARE AGAINST PACKAGE SCALE.

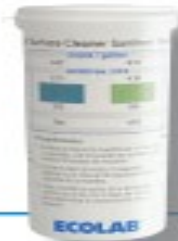
Compare inmediatamente el color de la cinta con los colores del paquete de prueba para determinar la dilución en ppm*. **COMPARE SIEMPRE CON LA ESCALA DE COLORES DEL PAQUETE.**



TESTING SOLUTION SHOULD BE BETWEEN 150 - 400 PPM.
La solución de prueba debe estar siempre entre 150 y 400 ppm.

*ppm = partes por millón

Sink & Surface Cleaner Sanitizer Test Strips How-To Guide



WHAT YOU WILL NEED:

Sink & Surface Cleaner Sanitizer Test Strip Vial

Item Number: 20318-01-11

HOW TO USE THE TEST STRIPS:

1. Withdraw a test strip from the canister.



2. Dip Test Strip for 5 seconds into the test solution*. Shake off excess solution.



3. Compare colors after 10 seconds with colors on the test strip canister to determine the concentration.



* The tests strips will only work with Sink & Surface Cleaner Sanitizer and cannot be used with other products. The product has 2 active ingredients; the test strips are designed to read both active ingredients at the same time.

HOW TO READ THE LABEL:

The first row of numbers indicates the use dilution of Sink & Surface Cleaner Sanitizer in oz/gal.

The approved dilution range of the product is 0.27 - 0.55 oz/gal.

The third row of numbers indicates the level of DDBSA (one of the two approved actives - the test strips are designed to read both active ingredients at the same time) in the use dilution of Sink & Surface Cleaner Sanitizer.

The approved active range of DDBSA is 272 - 700 ppm.

The blue box indicates the EPA approved active range of Sink & Surface Cleaner Sanitizer. The color of the test strip should fall within the color range indicated here.

0.15		0.27		0.55		0.75		1.00	
0.17		2.11		4.30		5.86		7.81	
170		272		700		948		1130	
452		704		1875		2258		3018	
ppm DDBSA*		ppm DDBSA*		ppm DDBSA*		ppm DDBSA*		ppm DDBSA*	
ppm Lactic Acid		ppm Lactic Acid		ppm Lactic Acid		ppm Lactic Acid		ppm Lactic Acid	

The second row of numbers indicates the use dilution of Sink & Surface Cleaner Sanitizer in mL/L.

The approved dilution range of the product is 2.11 - 4.30 mL/L.

The final row of numbers indicates the level of Lactic Acid (one of the two approved actives - the test strips are designed to read

both active ingredients at the same time) in the use dilution of Sink & Surface Cleaner Sanitizer.

The approved active range of Lactic Acid is 704 - 1875 ppm.

