

# KODAK Fixer / Wash System Cleaner

Kodak

## TECHNICAL DATA / CHEMICAL

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KODAK Fixer / Wash System Cleaner is available in cartons containing ten individual 510 gram (1-lb 2-oz) packages. Each package makes 9.46 litres (2 1/2 gallons) of solution.

Disconnect or clamp off any silver recovery units that may be attached to the processor drain system before using this cleaner.

Do not use this cleaner for developer tanks.

### MIXING INSTRUCTIONS

**Note:** Observe precautionary information on product labels and on the Material Safety Data Sheets.

To make 9.46 litres (2 1/2 gallons) of cleaning solution, add one package of KODAK Fixer/Wash System Cleaner to 8.5 litres (2 1/4 gallons) of water at 38 to 49° C (100 to 120° F), with continuous stirring. Stir until all chemicals are dissolved. Bring to 9.46 litre (2 1/2 gallon) volume with room temperature water.

### PROCESSOR CLEAN-UP PROCEDURES

**Notice:** Always wear gloves, eye protection, and an apron for these procedures.

#### Procedure for Cleaning Fixer Tanks with Recirculating Units

Drain and flush the tank and recirculating system. Remove all filter cartridges and processing racks. Fill the tank half-way with 38 to 49° C (100 to 120° F) water and add one package of KODAK Fixer/Wash System Cleaner for each 2.5 gallons (9.46 L) of total tank capacity. Using a mixer, dissolve the chemicals. Replace processing racks, and fill the tank with water. Start the recirculation pump and recirculate the solution until the system is clean.

After a minimum treatment of 30 minutes, drain the processor tank and recirculating system. Flush both thoroughly with warm water. If necessary, remove the racks and lightly scrub the rollers with a soft brush wet with the cleaning solution.

For heavy deposits, racks with solid rollers may be soaked overnight if necessary. However, racks with hollow rollers should not be soaked; remove racks and scrub the rollers with a soft brush wet with cleaning solution.

Do not soak any rack at a temperature higher than 93° C (200° F) or longer than 72 hours. It will be more effective to clean equipment on a periodic basis than to wait until a heavy deposit has accumulated.

#### Procedure for Cleaning Fixer Replenisher Tanks and Lines

Drain and flush the fixer replenisher tank and lines. (The processor working tank should also be drained, or be already full of cleaner solution.)

Add one package of KODAK Fixer/Wash System Cleaner to 3.8 litres (1 gallon) of water at 38 to 49° C (100 to 120° F) in the empty replenisher tank. Using a mixer, dissolve the chemicals. Brush down the sides of the tank with a soft brush moistened with cleaning solution. Turn on the replenishment pump, and allow the solution to flow through the supply lines into the processor's fixer tank, or the tank already containing cleaner solution.

Next, turn off pump and soak system for at least 30 minutes before pumping remainder of cleaning solution out of replenisher tank. Flush fixer replenisher tank and processor fixer tank thoroughly with warm water. Activate replenishment pumps and flush lines thoroughly as well.

#### Procedure for Cleaning Wash Tanks and Racks

Close drain valve and remove racks from processor. Fill the wash tank half full with 38 to 49° C (100 to 120° F) water and add one package of KODAK Fixer/Washer Cleaner for each 9.46 litres (2.5 gallons) of total tank capacity. Using a mixer, dissolve the chemicals. Replace racks and fill the tank with 38 to 49° C (100 to 120° F) water. Soak until clean. If necessary, remove the racks and lightly scrub the rollers with a soft brush wet with cleaning solution. Drain and flush tank thoroughly with warm water.

For heavy deposits, racks with solid rollers may be soaked overnight. Racks with hollow rollers should not be soaked overnight. If necessary, remove racks and scrub the rollers with a soft brush wet with cleaning solution.

Do not soak any rack at a temperature higher than 93° C (200° F) or longer than 72 hours.

**Notice:** Always wear gloves, eye protection, and an apron for these procedures.

## **KODAKFixer / Wash System Cleaner**

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If you have questions or need assistance, contact your local Kodak representative.

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