



EZ-7001 Solder Strip Replenisher

DESCRIPTION

EZ-7001 is a single component concentrated replenisher for use with EZ-5050 or ACT-4040. Use of EZ-7001 enables increased loading and longer bath life. It is not designed to be used as a start-up chemistry.

OPERATING PARAMETERS

Make-Up	Not applicable
Temperature	75-110°F (24-43°C)
Immersion Time	Not applicable
Process	Horizontal
Agitation	Not applicable
Ventilation	Advised
Tanks	Not applicable
Racks and Baskets	Not applicable
Heaters	Teflon coils, Quartz
Filtration	Not necessary
Cooling coils	If temperature exceeds 115F, Teflon cooling coils are recommended

PHYSICAL PROPERTIES

Specific gravity	1.19-1.22
Appearance	Clear yellow-green liquid
pH	<1
Odor	Acrid, nitric acid
Flash Point	>200F

CONTROL PROCEDURES

Start-up the tin/solder strip line using either EZ-5050 or ACT-4040, and after the specific gravity reaches 1.28 – 1.30 replenish with EZ-7001. In a horizontal spray system, you can achieve steady state operation by maintaining the specific gravity between 1.30 and 1.42. We recommend the use of a specific gravity control system.



Do not use EZ-7001 to start up a new bath in a tin/solder strip line. EZ-7001 is fairly aggressive on copper if used alone.

ANALYSIS

Analysis is not required to use this product

SAFETY AND STORAGE

EZ-7001 is a corrosive, acidic solution containing inorganic and organic acids. It also contains a strong oxidizer agent. Avoid breathing vapors. CONTAINS NITRIC ACID. Use in a well-ventilated area. When handling concentrate or working solution, wear protective clothing, gloves and chemical safety goggles. In case of skin contact, remove contaminated clothing and flush affected area with plenty of cold water. In case of eye contact, flush immediately with plenty of cold water and seek medical attention immediately.

Store EZ-7001 in its original container. Keep away from direct sunlight and temperature extremes. Do not freeze. Store EZ-7001 at normal room temperature 65 – 85oF.

WASTE TREATMENT

EZ-7001 contains organic and inorganic acids. In the process of stripping tin and tin lead from copper clad material, some copper may be removed and dissolved in solution. Please ask a Florida CirTech technical sales rep. for information regarding waste treatment of this chemistry and our complete line of waste treatment line if additional help or information is desired. Consult with local officials for further waste disposal regulations.

MISCELLANEOUS

Available in 5-gallon pails and 55-gallon drums. Consult MSDS sheet for additional information.