

5760 Neutralizer

For Removing Residues from Fluxes

Product Description

Kester 5760 Neutralizer is a buffered, alkaline concentrated formula which effectively removes both organic and inorganic acid flux residues. This includes water soluble fluxes used in wave soldering, hot air leveling and infrared reflow processes. Simple neutralization with caustic soda or other alkaline solutions will not completely remove ionizable, potentially corrosive and conductive residue which is formed during soldering. 5760 will completely solubilize chloride complex residues such as lead chloride by selective chelation so that a water rise will remove all traces of harmful contamination.

Performance Characteristics:

- Removes ionizable residues
- Easily cleaned in water
- Effective for both organic and inorganic residues

RoHS Compliance

This product meets the requirements of the Restriction of Hazardous Substances (RoHS) Directive, 2015/863 for the stated banned substances.

Physical Properties

Specific Gravity: 1.200

Anton Paar DMA 35 @ 25 °C

Application

When diluted to make a 2 to 10% solution with water, 5760 is used as an initial wash followed by a thorough water rinse to ensure complete removal of 5760 and dissolved flux residues. The blue color of the solution is a concentration indicator which will fade as the solution weakens. Fresh 5760 may be added to the solution to maintain a constant indicator color. When the solution becomes cloudy, it should be replaced. Parts are immersed for 15 seconds to 2 minutes in 5760 depending on the nature of the residue, part configuration and the length of time between soldering and cleaning, followed by a clean water rise.

Cleaning

No neutralizer, saponifiers or detergents are necessary in the water wash system for complete removal of residues. It is not recommended to use high mineral content tap water. Otherwise, tap, deionized or softened water may be used for cleaning. Generally in-line spray cleaners should incorporate a gross prewash (to drain) to remove the flux residue prior to washing in 5760.

Storage, Handling and Shelf Life

Shelf life is 3 years from the date of manufacture when appropriately handled and held at 4 to 25 °C (40 to 77 °F). 5760 is water-based, and the minimum storage temperature of 4 °C (40 °F) is recommended to prevent freezing. If frozen, stir or shake the container at room temperature before use to reconstitute.

Over time, it is typical for the dye to come out of the solution as black/brown particles. This does not impact the overall performance of the product.

Health and Safety

This product, during handling or use, may be hazardous to your health or the environment. Read the Safety Data Sheet and warning label before using this product. Safety Data Sheets are available at <https://www.kester.com/downloads/sds>.

Contact Information

To confirm this document is the most recent version, please contact Assembly@MacDermidAlpha.com

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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