



ARBITAL Solutions

Product Datasheet : **AS AQUA CLEAN-7**

DESCRIPTION

AS AQUA CLEAN-7 is a Halogen and Halide Free water based concentrated cleaner. Developed to remove the no-clean and water soluble flux residues from Pb free and Sn/Pb PCB and PCBA.

FEATURES AND BENEFITS

- Complies with Halogen free standards, which is environment friendly.
- Non-hygroscopic, non-corrosive.
- Good cosmetics, Tack-free.
- Can get Zero ion PCB and BCBA.
- This product can be used multiple times adding small amount of concentrated cleaner during cleaning process.
- Concentrated cleaner 1: 4 to 7 (Water) ratios can be mixed with DI or Drinking water to get good results in manual, ultrasonic or conveyorised cleaning methods.
- Best alternative for solvent cleaning process which is cost effective and meets ionic cleanliness standards in Pb free and Sn/Pb process.
- AS AQUA CLEAN-7 is suitable to use on the following metal surfaces, provided the surfaces are not heavily tarnished.
Cadmium, OSP, Tin, Copper, Gold, Zinc and Silver.

APPLICATIONS

The cleaner is miscible with water, preferably concentrated cleaner can be use in 1: 4 to 7 (Water) ratios for manual, ultrasonic or conveyorised cleaning methods. Can go up to 25% of concentrated cleaner for strong residues, it is better to use DI water in the final stage of cleaning to avoid ionic contamination from tap water. The recommended temperature to use is maximum 40 to 70 °C. Multistage cleaning also can be performed depending on the cleaning requirement. To maintain the cleanliness level throughout the process concentrated cleaner can be added periodically to maintain the pH level 6 to 7.9.

PHYSICAL AND CHEMICAL PROPERTIES

Odour:	Slight Ammonia
pH :	8.6 +/- 0.4
Density:	1.0 g/cm ³ at 25°C
Flash point:	None
Boiling point:	95°C
Shelf Life :	18 months



PACKAGING

Packaging is available in 5 and 20 Litres.

HEALTH AND SAFETY

Follow standard precautions for handling. Eye and skin protection must be provided. Avoid inhalation of vapours from the liquid.

Use in well ventilated areas.

Remove skin splashes by washing immediately with soap and water.

For detailed information refer to the relevant Health and Safety Data Sheet (MSDS) available on request.

Contact: Arbital Solutions Private Limited, 12, SIDCO Industrial Estate, Gummidipoondi, Thiruvallur Dt. India.

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