JC-Q203 Water-based Cleaner (TDS)

Product Introduction

This cleaner contains no ozone-depleting substances (ODS) or RoHS-restricted substances. It is fully suitable for cleaning post-soldering fixtures and jigs and for removing flux and solder paste residues from PCBA surfaces. It offers strong cleaning power and leaves no water marks or white residue after drying. Developed specifically for lead-free processes, it is suitable for immersion or ultrasonic cleaning, and customers can dilute it (up to approx. 20 times) to suit their process requirements.

Product Features

1. Water-based system, green and environmentally friendly;
2. Strong cleaning power with good removal of solder paste and flux residues;
3. Excellent wetting; rapidly penetrates solder paste, flux and oil residues for fast cleaning;
4. Good material compatibility: does not corrode fixtures or stencils and does not cause whitening of metal surfaces;
5. Free from RoHS-restricted and other environmentally prohibited substances.

Product Parameters

Item	Specification
Appearance	Colorless, transparent liquid
pH	12-14
Density (25 °C, g/cm^3)	1.00-1.10
Cleaning temperature	40-50 °C
Cleaning time	5-20 min
Applicable processes	Ultrasonic, immersion
Halogens	None

Safety and Handling

Personal protection: Operators should wear work clothes, acid- and alkali-resistant rubber gloves and other protective equipment. Avoid prolonged skin contact with the cleaning solution, which may degrease the skin and leave it dry and rough. Take care to prevent accidental ingestion and splashes into the eyes. If the solution splashes into the eyes, rinse thoroughly with running water or normal saline. Do not swallow this product; if swallowed accidentally, seek medical attention promptly.

Storage and Transport

Packaging: 25 kg/drum

Storage: Store sealed in a cool, dry, well-ventilated place. Shelf life: 2 years.

Transport: Load and unload with care to prevent damage to packaging and containers. Protect from direct sunlight, rain and high temperatures during transport.

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