GLUDITEC
Glue & Dispensing Technology

Technical Data Sheet

WB2101

Semi Water-based cleaning agent

WB2101 cleaning agent does not contain ozone depleting substances (ODS), and does not contain substances prohibited by regulations such as RoHS, HF, REACH, etc. It is an environmentally friendly cleaning agent. With good cleaning ability and fast cleaning speed, it is an ideal cleaning agent for the electronic industry.

FEATURES

- Low surface tension and strong penetration,and fast cleaning speed.
- Easy to operate and non-corrosive.
- Fast drying speed and Good surface cleanliness after cleaning.
- It does not produce toxic and harmful substances and is a green and environmentally friendly product.

SCOPE OF APPLICATION

This product is suitable for PCBA post welding cleaning and SMT printing screen cleaning; It can also be used for cleaning misprints, misprints of solder paste, glue, and welding equipment; No corrosive effect on metal and plastic products; Various cleaning processes such as ultrasonic, spray, and manual can be used.

TECHNICAL SPECIFICATIONS

Test Items	Specifications
Physical state/shape	Transparent liquid
Specific Gravity(g/cm³@20℃)	0.785±0.020
Boiling range (℃)	≤ 130.0 (final boiling point)
ODS	PASS
RoHS	PASS
Halogen （ppm）	PASS
REACH	PASS
Storage temperature （℃）	5.0-35.0
Packing	20kg/barrel，25 kg/barrel，200kg/barre，5 gallons/barrel

PROCESS CONTROL

- Ultrasonic cleaning: Adjust the vibration frequency of the ultrasonic wave and control the appropriate cleaning temperature to achieve the optimal cleaning state of the cleaning agent. The cleaned parts should be completely immersed in the cleaning agent and placed at appropriate intervals.
- Spray cleaning: Adjust the flow rate and spray pressure of the cleaning agent, control the appropriate cleaning temperature to achieve the optimal cleaning state of the cleaning agent, and the cleaned parts should pass through the optimal atomization area.
- Manual cleaning: Use an anti-static brush, dust-free cloth, or toothbrush dipped in cleaning agent to apply it to the surface of the cleaned part, and repeatedly brush to remove dissolved dirt from the cleaned part, ensuring that there is no residual cleaning agent on the surface of the cleaned part.
- Soaking cleaning: Place the cleaning agent in a suitable container, and the cleaned part should be completely immersed in the cleaning agent.
- Replacement frequency: After a period of use, due to the increase of residue in the cleaning agent, the cleaning force decreases, and the cleanliness of the cleaned parts deteriorates. It is necessary to regularly add and replace the cleaning agent in the tank (depending on the number of cleaned parts).
- Cleaning time: It is recommended to take 30.0 (seconds) to 240.0 minutes, depending on the specific cleaning process and cleanliness requirements.

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NOTICE

- After unpacking and taking out the used part of this product, the cover must be tightly closed to prevent the cleaning agent from volatilizing.
- After cleaning, it should be ensured that the cleaning agent completely evaporates and cannot remain on the surface of the components. Blowing can be used for better results.
- Used cleaning agents and unused cleaning agents cannot be placed in the same packaging barrel.
- After the cleaning agent is unsealed, if there is still any remaining cleaning agent in the bucket, it should not be placed in the air and the cover should be tightened as soon as possible.
- The container containing the cleaning agent should be kept clean to prevent dirt and other substances from mixing with the cleaning agent and affecting its quality.
- Before use, the solubility compatibility of printing screen printing and plastic materials and related components should be tested.
- Cleaning agents are volatile and should ensure ventilation and breathability at the work site.
- Please refer to the MSDS of this product for safety precautions and other precautions.