MICROCLEAN WS-3220U

Deflux cleaner for electronic circuits and components

MICROCLEAN WS-3220U is a cleaning agent that removes flux residues generated in the electronic circuit mounting process.

■ Features

- **High dissolving ability**
  Our unique special formulation removes difficult residues such as lead-free solder flux.
- **Gap cleaning ability**
  MICROCLEAN WS-3220U is excellent for cleaning flux residues entered small gaps such as under parts.
- **Good parts durability**
  MICROCLEAN WS-3220U is designed in consideration of the solvent resistance of the parts to be mounted.
- **Low toxicity**
  MICROCLEAN WS-3220U is Halogen-free and contains no chlorinated compounds and ozone depleting substances.

■ Characteristics

Specific gravity	1.0(25℃)	pH	10(1% aq)
Flash point	105℃	UN Class	Not classified
Boiling point	≧200℃	UN Number	Not classified
Solubility to water	Hardly soluble(25℃)	Marine Pollutant	Not applicable
Odor	Slight odor	RoHS、WEEE	Applicable

■ How to use

Please check the handling precautions, and use the product with full attention to safety.
The recommended usage conditions are as follows.

Cleaning concentration	Use as is
Cleaning temperature	≦75℃
Rinse temperature	＜24℃（MARKLESS ST-05U operating temperature）
Drying	80-100 ℃ Circulating air (Follow the specifications of the dryer)

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Process	Cleaning	Rinse	Drying
Ultrasonic	MICROCLEAN WS-3220U	MARKLESS ST-05U	Circulating air
Immerse	MICROCLEAN WS-3220U	MARKLESS ST-05U	Circulating air

■ Handling precautions

・No flame is allowed in a handling place. Use adequate ventilation in a working place.
・Keep containers tightly closed. Store at a designated place with adequate ventilation. Avoid direct sun light.
・Wear protective gloves/protective clothing/eye protection/face protection.
・When attached to skin, rinse skin with water/shower.
・When ingested, give plenty of water and immediately get medical advices.
・Functioning local ventilation is desirable to let vapor go off from work environment.
・Dispose of contents/container to local/regional/national/international regulations.
・If the product is used in a way that generates wastewater, it should be treated to comply with the law before being discharged.
・Please refer to the Material Resistance Table for the effect on resin.

Please refer to SDS (Safety Data Sheet) for more information.

■ Package

18kg UN can

(Please note that specifications are subject to change for improvement.)

■ Remarks

To the best of our knowledge, the information contained herein is accurate. However, we, KAKEN TECH CO., LTD. do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of the above product is the sole responsibility of the user. The product may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

Rev. Apr.2022

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