KakenClean DF-99U conc.

Reflow oven cleaner (Concentrated type)

KakenClean DF-99U conc. is a cleaning agent that removes flux residues stuck onto reflow ovens and each parts of reflow oven.
As it is a concentrated type, it needs to be diluted with pure water or ion exchange water before use.

■ Features

- **High cleaning ability**
  Our unique special formulation powerfully dissolves and removes flux residues. As it is a concentrated type, the dilution ratio can be adjusted depending on the condition of the residue.
- **Low toxicity**
  KakenClean DF-99U conc. does not include any toxic ingredients like halogenated solvents (i.e. chlorine, fluorine or bromine-based), toluene, xylene and IPA.
- **Good for environment**
  KakenClean DF-99U conc. is Halogen-free and contains no chlorinated compounds, ozone depleting substances and soil contaminants.

■ Characteristics

Specific gravity	1.0(25℃)	pH	11(1% aq)
Flash point	None	UN Number	Not classified
Boiling point	≥100℃	UN Class	Not classified
Solubility to water	Easily Soluble	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	3-10 times dilution (recommended: 3 times dilution) ※Use pure water or ion exchange water for dilution.
Cleaning temperature	Recommended temperature : Room temperature～ 60℃
Drying	Room temperature～ 60℃ Natural drying, Circulating air, Air knife

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Process	Cleaning	Rinse	Drying
Manual cleaning	KakenClean DF-99U conc. (appropriate dilution ratio)	Unnecessary	Natural drying, Circulating air, Air knife (Preferably after wiping the surface dry with a clean cloth.)
Immersion cleaning	KakenClean DF-99U conc. (appropriate dilution ratio)	Unnecessary	Natural drying, Circulating air, Air knife (Preferably after wiping the surface dry with a clean cloth.)

■ 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

17kg 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.

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