

Chemical

by
KNIGHTCLEAN

Reflow Oven Cleaner 161 Series : C-KC-ROC161



Features:

Reflow Oven Cleaner 161 is a specially formulated micro-emulsion for cleaning reflow ovens and wave solder machines. Reflow Oven Cleaner is designed to remove all types of flux residues. (e.g. water-based, RMA, no-clean, lead-free).

ROC 161 compliant with European REACH (Registration, Evaluation, Authorization & Restriction of Chemicals) and WEEE (Waste Electrical and Electronic Equipment Directive) initiatives.

It does not contain RoHS (Restriction of Hazardous Substances) restricted substances, SVHC (Substances of Very High Concern) list substances, nor halides.

Benefits:

- High solvency
- Low toxicity
- Non-flammable & readily biodegradable.
- Safe to use on most metals, plastics, rubber glass and ceramic.
- Low surface tension and fluxes, assembly residues are held in solution with special activators allows for easily rinsing.

Revision Date: 22-Apr-25

Singapore Tel : 65. 6276.6123
Malaysia Tel : 60. 4643.2128
Thailand Tel : 66. 3579.6832
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Technical data

Test	Result
Appearance	Clear to slight amber liquid
Odor	Slight to mild
Boiling point	175 °C to 185° C
Specific Gravity	0.980
Vapor pressure (25°C)	0.41 mmHg
Flash point	Non- flammable
pH	10 – 10.11
Water solubility	soluble

Directions

The performance of the cleaner will be optimized by spraying onto a warm oven, at approx. 40 – 60°C, and leaving for a few minutes to soften the residue before manually wiping. Using a lint-free wipe, wipe lightly at first to allow cleaning agent to break down residues. Continue to wipe in a circular motion until the flux residues are fully removed. Wipe completely with damp (w/water) cloth to remove remaining residue.

Compatibility

Reflow Oven Remover 161 is generally safe on aluminium, tin, lead, gold. Silver, platinum, rubber, Pu. PP, glass, ceramic substrates, etc. Recommended to perform a compatibility test before acceptable.

Maintenance

Reflow Oven Remover 161 may be disposed when residues levels cause either a fall in cleaning action or rinsing process is no longer able to rinse the contaminant and cleaning fluid. Determining this point is usually by experience of the end-user.

Disposal

Dispose accordingly to national, state or local authority trade effluent regulations.

Recommended Industries



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