

# Chemical

by  
**KNIGHTCLEAN**

## Palletkleen 261 Series: C-KC-PK261



### Features:

Palletkleen 261 is a specified developed for effective removal of heavy burnt on deposits of solder flux from wave solder system pallets, arrays, carries and it is most effective in removing water soluble fluxes & its residue on pallets, arrays and carries.

Palletkleen 261 is an aqueous flux removal fluid designed for use at full strength or can be dilute to 3 parts of de-ionised. It has been formulated for efficient removal of post soldering flux residues from printed circuit assemblies, carriers and jigs etc. These ensure efficient cleaning and inhibition of re-deposition of dissolved soils. It does not rely upon simple saponification. Low surface tension and fluxes, assembly residues are held in solution with special activators allows for easily rinsing.

### Benefits:

Palletkleen 261 should be used, in the cleaning tank of a purpose designed aqueous flux removal system (spray-under-immersion or ultrasonic). It is recommended that the fluid is heated to a temperature of 40 – 60 °C for maximum effectiveness. Experience has shown that Palletkleen 261 is effective at removing most wave soldering flux residues including Rosin, Water Soluble. High solids rosin based materials will normally be removed in approximately 5 minutes with agitation provided by circulation pumps. Rinsing may take the form of 2 or 3 stages of cold water, the last, de-ionised for best results.

Revision Date: 22-Apr-25

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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
Flash point	>95°c
pH	9– 10.5
Water solubility	soluble

## Compatibility

Palletkleen 261 is generally safe on aluminium, tin, lead, gold. Silver, platinum, metals, rubber, Pu. PP, glass, ceramic substrates, etc. Recommended to perform a compatibility test before acceptable.

## Maintenance

Palletkleen 261 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.

## Availability/Storage

Palletkleen 261 has a stored in unopened containers, at temperatures below 15 °c– 40 °C. Packed in polyethylene (H.D.) 20 litres container. Store out of direct sunlight at 15 °c- 40°C.

## Recommended Industries



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