

New!

# FLUX-OFF® No Clean Plus

## The Most Powerful and Cost Effective Flux Remover for Cleaning No-Clean Flux

Ensure your long term circuit reliability by removing corrosive residue with the flux remover formulated to remove the widest range of no-clean and synthetic flux.

- ✓ Powerful Cleaner Removes Encrusted Flux From Hard-To-Reach Areas
- ✓ Flammable
- ✓ Ozone Safe
- ✓ Dries Fast
- ✓ Leaves no Residue
- ✓ Test on Plastics
- ✓ Can be used in dip or soak tanks

- ES1696 12 oz/340 g aerosol
- ES896B 6oz/170 g aerosol
- ES196 1 gal/3.7 L liquid

### Recommended For:

- ◆ Post-solder operations
- ◆ PC boards
- ◆ Sensitive circuit components
- ◆ Component leads
- ◆ SMD Pads
- ◆ Chip carriers
- ◆ Plugs, sockets & heat sinks
- ◆ Thru-hole and SMT devices
- ◆ Screens & stencils
- ◆ Work areas



### New & Improved!

## FLUX-OFF® No Clean

The nonflammable flux remover for cleaning no-clean flux

Same GREAT features as original - only without HCFC-141b!

- ◆ Removes all types of no clean encrusted flux
- ◆ Nonflammable
- ◆ Contains HCFC-225
- ◆ Dries fast
- ◆ Leaves no residue
- ◆ Test on plastics
- ◆ For use in ultrasonics and soak tanks



- ES1695 12 oz/340 g aerosol
- ES895B 6oz/170 g aerosol
- ES195 1 gal/3.7 L liquid

ITW Chemtronics Offers a Complete Line of Cleaning Products For Your Production, Service, Maintenance and Repair Needs

# Flux Cleaning Comparison

<b>Kester Flux</b>	932 P4M Low Solids Rosin	1515 Rosin Type R	145 Rosin	186 RMA	959 No Clean	951 Low Residue	970 VOC Free No Clean
<i>New &amp; Improved!</i> Flux-Off® No Clean	G-E	G-E	G	G-E	G-E	G	F
<i>New!</i> Flux-Off® No Plus	E	E	G-E	G-E	E	G	G

<b>Alpha Metals Flux</b>	615 RMA	SLS65 No Clean	SLS65C No Clean	800 Rosin	100 Rosin
<i>New &amp; Improved!</i> Flux-Off® No Clean	G	NR	P	E	G
<i>New!</i> Flux-Off® No Plus	E	F	P	E	E

**NR** = Not Recommended;  
**F** = Fair;  
**G** = Good;  
**E** = Excellent

[Note: Using brush attachment increases cleaning by one rating]

## Typical Product Data & Physical Properties

<b>Typical Product Data &amp; Physical Properties</b>	<i>New!</i> Flux-Off® No Clean Plus	<i>New &amp; Improved!</i> Flux-Off® No Clean
<b>Boiling Point</b>		114°F Initial
<b>Flash Point (TCC)</b>	-20°F	None
<b>Evaporation Rate (butyl acetate=1)</b>	>1	>1
<b>Specific Gravity</b>	0.706	1.34
<b>Vapor Pressure @ 68°F</b>		205 mm Hg
<b>Appearance</b>	Clear, Colorless Liquid	Clear, Colorless Liquid
<b>Odor</b>	Ethereal	Ethereal
<b>Solubility in Water</b>	Negligible	Negligible
<b>Kauri-Butanol (KB) Number</b>	86	87
<b>Shelflife</b>	5 years	5 years



## Outstanding Cleaning Performance!

**Cleans a Wide Variety of No-Clean Flux**

## Compatibility

<b>Material</b>	<i>New!</i> Flux-Off® No Clean Plus	<i>New &amp; Improved!</i> Flux-Off® No Clean
ABS	Non-Compatible	Non-Compatible
Buna-N	Non-Compatible	Fair
EPDM	Excellent	Fair
Graphite	Excellent	Excellent
HDPE	Excellent	Excellent
LDPE	Good	Good
Lexan™	Non-Compatible	Fair
Neoprene	Fair	Fair
Noryl®	Non-Compatible	Poor
Nylon™ 66	Excellent	Excellent
Cross-Linked PE	Excellent	Excellent
Polypropylene	Excellent	Excellent
Polystyrene	Non-Compatible	Non-Compatible
PVC	Non-Compatible	Excellent
Silicone Rubber	Non-Compatible	Poor
Teflon™	Excellent	Excellent
Viton™	Non-Compatible	Fair

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