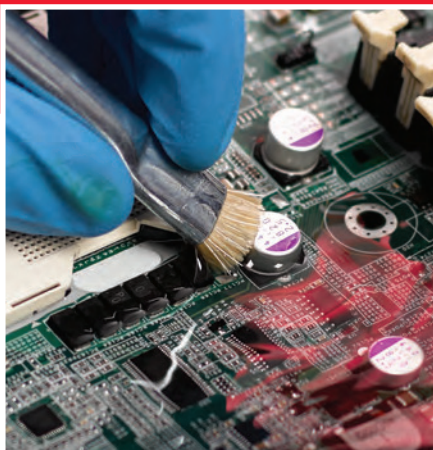




Flux removal is critical to insure reliable circuitry. Not only unsightly, flux residue can promote short circuits and corrosion, degrading or destroying the printed circuit board.

**Flux-Off® Flux Removers** are specially formulated to remove all types of lead-free, rosin (types R, RA and RMA), no-clean, water soluble and synthetic flux.



## Flux-Off® Delta

Extra strength, nonflammable solvent that removes heavy and encrusted flux deposits

- Nonflammable
- Best AK225 replacement chemistry
- Fast drying
- Contains no ozone depleting compounds, low VOC's

- DEL1692** 12 oz / 340 g aerosol  
**DEL892B** 6 oz / 141 g BrushClean™ System  
**DEL192** 1 gal / 3.7 L liquid  
**DEL592** 5 gal / 18.9 L liquid  
**DEL5592** 53 gal / 200 L liquid



DEL892B



VV195

VV595



## Flux-Off® Tri-V™

Extra strength, nonflammable flux remover for replacing n-propyl bromide

- Nonflammable
- Can be used on energized equipment
- Fast drying
- Does not contain n-propyl bromide, trichloroethylene, or perchloroethylene

- VV195** 1 gal / 3.7 L liquid  
**VV595** 5 gal / 18.9 L liquid  
**VV5595** 53 gal / 200 L liquid

## Product Selection Guide

	Rosin Based*			Water Soluble	Primary Flux Residue Cleaned				Features					Cleaning Methods			
	No-Clean	SA-Synthetic	NR		Removes White Residue	Plastic Safe	Nonflammable	No Ozone Depleting Chemicals	Dries Fast	Aerosol Spray	BrushClean™ System	Hand Cleaning	Vapor Degreasing	Ultrasonics	Immersion	Benchtop Spray System	Rinsing Recommended
Flux-Off® Tri-V	1	1	NR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Strongest Cleaner
Flux-Off® Delta	1	1	NR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Flux-Off® Heavy Duty	1	1	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Flux-Off® VZ	1	2	NR		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Flux-Off® Complete	1	1	NR			✓	✓	✓	✓	✓		✓	✓				
Flux-Off® Lead-Free	1	2	2			✓	✓	✓	✓	✓			✓	✓			
Flux-Off® No Clean Plus	1	1	2	✓		✓	✓	✓	✓	✓			✓	✓			
Flux-Off® Rosin	1	2	2		✓		✓	✓	✓	✓			✓	✓			
Flux-Off® Water Soluble	1	NR	1		✓		✓	✓	✓	✓			✓	✓			
Flux-Off® Aqueous	1	2	1	✓	✓	✓	✓					✓	✓	✓	✓		
Flux-Off® CZ	1	2	NR		✓	✓	✓	✓	✓	✓	✓						Most Plastic-Safe

1 – Excellent    2 – Good    NR – Not Recommended    \*R, RMA, RA, Rosin-based No-Clean

### Flux-Off® VZ

Economical, non-ozone depleting, nonflammable flux remover

- Nonflammable
- Cleans R, RMA, RA, and no-clean flux
- Low odor
- Dries fast
- Leaves no residue
- Test on plastics

**ES6200** 12 oz / 340 g aerosol  
**ES6201** 1 gal / 3.7 L liquid  
**ES6255** 53 gal / 200 L liquid

### Flux-Off® CZ

Non-ozone depleting, nonflammable flux remover safe for use on plastics

- Safe on plastics
- Nonflammable
- Cleans R, RMA, RA, and no-clean flux
- Dries fast
- Leaves no residue

**ES7200** 12 oz / 340 g aerosol  
**ES7208B** 5 oz / 141 g BrushClean™ System

### Flux-Off® Complete

Powerful, economical flux remover for cleaning no-clean flux

- Cleans R, RMA, RA, and no-clean flux
- Dries fast
- Leaves no residue
- Flammable

**ES1698** 12 oz / 340 g aerosol  
**ES198** 1 gal / 3.7 L liquid  
**ES598** 5 gal / 18.9 L liquid  
**ES5598** 53 gal / 200 L liquid







## The BrushClean™ System

Gentle scrubbing action of a brush combined with high performance flux removers



BrushClean™ System for difficult fluxes

## The BrushClean™ System

This system increases cleaning efficiency in two ways – minimizing solvent usage by applying solvent only where you need it, and maximizing cleaning with the addition of mechanical scrubbing action.

- Powerful solvents with scrubbing action of a brush
- Brush precisely applies solvent
- For critical deflusing, use Controlwipe™ (C910) between brush and board to absorb dissolved flux residues
- Solvent flow flushes brush clean
- New brush supplied with every can

*Three powerful tools — one convenient package:*

*Spot clean with the brush*

*Flush under SMD's with the extension tube*

*Clean large areas with the spray nozzle*



ES1697

ES897B

ES1631

## Flux-Off® Lead-Free

Powerful flux remover for high temperature, lead-free flux removal

- Engineered for removing high temperature, lead-free flux
- Can also be used to remove tin/lead fluxes
- Flammable
- Evaporates quickly without leaving residue

<b>ES1697</b>	12 oz / 340 g aerosol
<b>ES897B</b>	6 oz / 170 g BrushClean™ System
<b>ES197</b>	1 gal / 3.7 L liquid
<b>ES5597</b>	55 gal / 208 L liquid

## Flux-Off® Heavy-Duty

Heavy-duty flux remover for removing encrusted no-clean and rosin flux

- Nonflammable
- Dries fast
- Leaves no residue
- Test on plastics

<b>ES1631</b>	12 oz / 340 g aerosol
<b>ES131</b>	1 gal / 3.7 L liquid



ES135

ES1035

## Flux-Off® Rosin

Plastic safe flux remover for cleaning all rosin and rosin-based no-clean flux

- Safe on plastics
- Flammable
- Evaporates quickly
- Leaves no residue

<b>ES1035</b>	10 oz / 283 g aerosol
<b>ES1035B</b>	10 oz / 283 g BrushClean™ System
<b>ES835B</b>	5 oz / 141 g BrushClean™ System
<b>ES135</b>	1 gal / 3.7 L liquid
<b>ES535</b>	5 gal / 18.5 L liquid
<b>ES5535</b>	55 gal / 208 L liquid

# Flux Removers



## Flux-Off® Aqueous

Aqueous flux remover for use in ultrasonics and in-line cleaning systems

- Water-based saponifier for removing all flux types
- Safe on plastics
- Nonflammable
- Concentrated – dilute to adjust cleaning strength
- Requires a water rinse

**ES132** 1 gal / 3.7 L liquid



ES896B

ES1696

## Flux-Off® No Clean Plus

Powerful economical flux remover for cleaning no-clean flux

- Flammable
- Dries fast
- Leaves no residue
- Test on plastics

**ES1696** 12 oz / 340 g aerosol

**ES896B** 6 oz / 170 g BrushClean™ System

**ES196** 1 gal / 3.7 L liquid

**ES596** 5 gal / 18.5 L liquid

**ES5596** 55 gal / 208 L liquid



ES1530

ES130

## Flux-Off® Water Soluble

Plastic safe flux remover for cleaning water-soluble flux

- Safe on plastics
- Flammable
- Dries fast
- Leaves no residue

**ES1530** 13.5 oz / 383 g aerosol

**ES130** 1 gal / 3.7 L liquid

## IPA - Isopropyl Alcohol



Conveniently packaged and easy to use 99.8% technical grade isopropyl alcohol

- Safe on plastics
- Flammable
- Dries fast
- Leaves no residue
- Cleans hard-to-reach areas

**ES820L** 8 fl oz / 236 ml liquid

**ES105** 1 gal / 3.7 L liquid

**ES505** 5 gal / 18.9 L liquid

**ES5505** 53 gal / 200 L liquid



ES820L



ES105