

## Flux-Off® Lead-Free Flux Remover

### PRODUCT DESCRIPTION

Flux-Off® Lead-Free Flux Remover is an extra strength solvent that removes heavy and encrusted flux deposits resulting from high temperature lead-free soldering applications. This powerful cleaner quickly removes all types of flux, oxide particles, dust, grease and oil, and then evaporates quickly leaving no residues.


- Removes R, RA, RMA, and No Clean fluxes in lead-free and Tin/Lead applications
- Non-corrosive, safe for metals
- Flammable
- Extra-strength, fast drying
- Removes encrusted, baked-on fluxes
- All-Way Spray valve - even sprays upside down
- Available with BrushClean™ System
- RoHS compliant

### TYPICAL APPLICATIONS

Flux-Off® Lead-Free Flux Remover effectively cleans flux residues from:

- Chip Carriers
- Heat Sinks
- Metal Housings and Chassis
- Printed Circuit Boards
- Plugs
- Relays and Contacts
- Sockets
- Surface Mount Device Pads
- Solenoids
- Switches

### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

<b>Flash Point</b>	-20°F
<b>Evaporation Rate (butyl acetate=1)</b>	>1
<b>Specific Gravity</b>	0.706
<b>Appearance</b>	Clear, Colorless Liquid
<b>Odor</b>	Ethereal
<b>Solubility in Water</b>	Negligible
<b>Kauri-Butanol (KB) Number</b>	86
<b>Shelflife</b>	5 years
<b>RoHS/WEEE Status</b>	

### COMPATIBILITY

Flux-Off® Lead-Free Flux Remover, like any cleaner, should be tested on a non-critical area to determine plastics compatibility prior to use. Not recommended for ABS, acrylics, polycarbonates, polystyrenes and PVC.

<u>Material</u>	<u>Compatibility</u>
ABS	Non-Compatible
Buna-N	Non-Compatible
EPDM	Excellent
Graphite	Excellent
HDPE	Excellent
LDPE	Good
Lexan™	Non-Compatible
Neoprene	Fair
Noryl®	Non-Compatible
Nylon™ 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Non-Compatible
PVC	Non-Compatible
Silicone Rubber	Non-Compatible
Teflon™	Excellent
Viton™	Non-Compatible

## USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

Spray 4-6" from surface to clean. Wash parts from top to bottom, allowing the liquid to flush away flux residue.

Flux-Off® Lead-Free Flux Remover can be used to remove all types of fluxes in batch cleaning applications, including ultrasonic systems specifically rated for use with flammable solvents.

## TECHNICAL & APPLICATION ASSISTANCE

ITW Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is: **1-800-TECH-401**.

## AVAILABILITY

ES1697	12 oz. Aerosol
ES897B	8 oz. BrushClean™ System
ES197	1 Gal. (3.7 L) Liquid

## ENVIRONMENTAL IMPACT DATA

ENVIRONMENTAL IMPACT DATA			
CFC	0.0%	VOC	51%
HCFC-141b	0.0%	HFC	0.0%
HCFC-225	0.0%	nPB	0.0%

CFC, HCFC-225, HCFC-141b, VOC, HFC, and nPB percentages shown are the content by weight.

### NOTE:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. ITW CHEMTRONICS® does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

## MANUFACTURED BY:

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## DISTRIBUTED BY:

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