

Flux-Off® Delta™ Flux Remover

Product# DEL1692, DEL192, DEL5592

Product Description

The Flux-Off Delta Flux Remover is a powerful, nonflammable solvent that removes heavily encrusted and oxidized flux deposits. This product, available as a high pressure aerosol or bulk liquid, penetrates residues quickly to remove all types of flux, production contaminants, oxide particles, dust, grease and oil, then evaporates quickly leaving no residues.

- Powerful cleaning agent
- Non-corrosive, safe for metals
- Nonflammable and fast drying
- Powerful cleaner removes R, RA, RMA, and synthetic fluxes
- Removes encrusted fluxes
- Penetrates to clean hard to reach areas
- Contains no ozone depleting compounds
- All-Way Spray valve - even sprays upside down
- Available with BrushClean System

Typical Applications

Flux-Off Delta Flux Remover effectively cleans flux from:

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



Typical Product Data and Physical Properties

Boiling Point:	98.6°F / 37°C (Initial)	
Solubility in Water:	Negligible	
Specific Gravity:	1.24	
Vapor Pressure @68°F	205 mm Hg	
Appearance	Clear, colorless liquid	
Odor	Ethereal	
Surface Tension: (dynes/cm @ 73°F)	19	
Flash Point (TCC):	None	
Evaporation Rate: (butyl acetate =1)	>1	
VOC Content:	Aerosol	Liquid
CARB	75%	100%
SCAQMD	484g/L	645g/L
Federal	39%	52%
Kauri-Butanol (KB) Number	70	
Shelflife	Aerosols	5 years
	Liquids	2 years after opening
RoHS Compliant	Yes	

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Compatibility

Flux-Off Delta is generally compatible with most materials used in the electrical and electronic assemblies, except acrylics, ABS resins, polycarbonates and polystyrenes. With any cleaning agent solvent/component compatibility must be determined on a non-critical area prior to use.

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

Performance

Rosin Flux removal per gram solvent (mg / 3 second spray)

Flux-Off Delta	8.3
Competitive AK225 flux remover	7.0

Usage Instructions

For industrial use only. Read SDS 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® Delta may be used to remove all types of fluxes in an ultrasonic cleaner.

Availability

DEL1692	12 oz. / 340 g Aerosol
DEL192	1 gal. / 3.7 L Liquid
DEL5592	53 Gal. / 200 L Liquid

Environmental Impact Data

HCFC-141b	0.0%
HCFC-225	0.0%
HFC	23.0%
nPB	0.0%

HCFC-225, HCFC-141b, HFC, and nPB percentages shown are the content by weight. HCFC-225, HCFC-141b, HFC, and nPB percentages shown are the content by weight. Hydrochlorofluorocarbons (HCFCs) are regulated under the Montreal Protocol as Class II ozone depleting substances. HCFC-141b is no longer produced in the US under this legislation. HCFC-225 is phased out for production as of 2015. Hydrofluorocarbons (HFCs) are not currently regulated.

Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions.

The toll free number is: 1-800-TECH-401.

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. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.