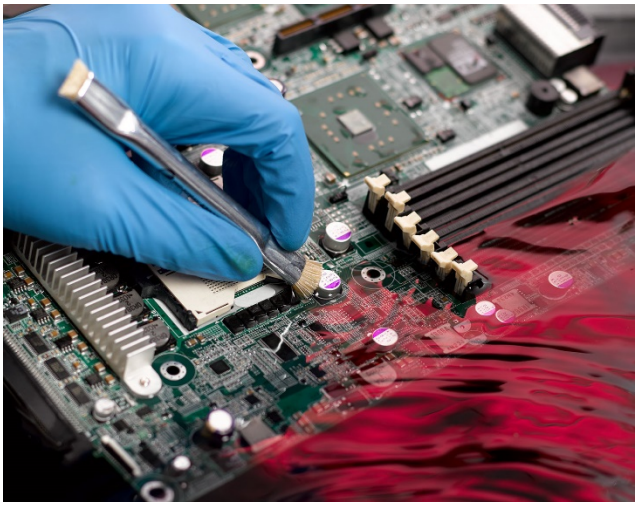
Electro-Wash® Delta™ Cleaner Degreaser

Product# DEL101



Product Description

Electro-Wash Delta Cleaner Degreaser is an extra strength, nonflammable electronics cleaner and degreaser. This high power cleaning agent quickly removes all contaminants – evaporating quickly without leaving residue. Formulated using patented technology, this cleaner provides outstanding solvency for the most oxidized hydrocarbon or silicone grease & oil residues, while being a non-flammable cleaning solvent. It can also be used to remove most no-clean and rosin flux types during rework processes.

- Powerful cleaning agent
- Noncorrosive, safe for metals
- Nonflammable and fast drying
- Removes oil, grease, dirt, silicone, flux, adhesive and other contaminants
- Removes encrusted oxides, dirt, grease and other contaminants
- Penetrates to clean hard to reach areas
- Contains no ozone depleting compounds
- May be used on energized equipment

Typical Applications

Electro-Wash Delta Cleaner Degreaser is engineered for cleaning:

- Circuit Breakers
- Motors and Generators
- Plugs and Sockets
- Potentiometers
- Relays and Contacts
- Selector Switches
- Solenoids
- Switching Devices

Typical Product Data and Physical Properties

Boiling Point:	>99°F / 37ºC (Initial)
Solubility in Water:	Negligible
Specific Gravity:	1.24
Flash Point (TCC):	None
Evaporation Rate: (butyl acetate =1)	>1
Appearance	Clear, colorless liquid
Odor	Ethereal
Surface Tension: (dynes/cm @ 73ºC)	19
Dielectric Breakdown (ASTM D-877)	31,000 kV
VOC* Content CARB SCAQMD Federal	Liquid: 100% 1066 g/L 85%
Kauri-Butanol (KB) Number	74
Shelflife	2 years after opening
RoHS Compliant	Yes

*Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

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Compatibility

Delta Cleaner Degreaser is generally compatible with most materials used in printed circuit board fabrication, except acrylics, ABS resins, polycarbonates, polystyrenes and silicone. With any cleaning agent solvent/component compatibility must be determined on a non-critical area prior to use.

Material	Compatibility
Buna-N	Not Recommended
Graphite	Good
HDPE	Good
Kynar	Poor
LDPE	Good
Lexan	Not-Recommended
Neoprene	Poor
Noryl	Poor
Cross-Linked PE	Good
Polyacrylate	Not-Recommended
Polystyrene	Not-Recommended
PVC	Poor
Silicone Rubber	Not-Recommended
Teflon	Good
Viton	Poor

Competitive Assessment

Grease Removal per gram solvent *(mg) / 3 second spray*

Electro-Wash Delta	13.9
AK225 Based Cleaner	6.4

Grease & Lubricating Oil Removal per gram solvent *(mg)*

Electro-Wash Delta	24.4
AK225 Based Cleaner	12.5

Usage Instructions

For industrial use only. Read SDS carefully prior to use.

Wash parts from top to bottom, allowing the liquid to flush away dirt and dissolved grease.

Availability

DEL101 1 Gal. / 3.7 L Liquid

Environmental Impact Data

HCFC-141b	0.0%
HCFC-225	0.0%
HFC	46%
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.