

Electro-Wash® QD Cleaner Degreaser

Product# DEL1608B

Product Description

Electro-Wash QD Precision Cleaner is a plastic safe, nonflammable cleaner formulated for cleaning electronic components and assemblies, and minimizing production downtime. This precision cleaner is fast drying and has good solvency for oil, handling soils, dirt, and light residues. QD is available with the all-Way Spray Valve, to spray in any direction, and with a BrushClean attachment for extra cleaning action

- Removes dirt, carbon, oil, and oxide residues
- Nonflammable
- Excellent material compatibility
- Displaces moisture
- Evaporates fast, minimizes down time
- Leaves no residues
- Enhances electrical signal
- Low toxicity
- Noncorrosive
- Available with BrushClean attachment
- Available with All-Way Spray valve

Typical Applications

Electro-Wash QD Precision Cleaner is engineered for cleaning:

- Printed Circuit Boards
- Chip Carriers
- Edge Connector Sockets
- Relays and Contacts
- Circuit Breakers
- Electrical Motors
- Potentiometers
- Motors and Generators
- Selector Switches
- Solenoids



Typical Product Data and Physical Properties

Solubility in Water:	Negligible
Specific Gravity – Solvent:	1.27
Flash Point (TCC):	None
Evaporation Rate:	>1
Vapor Pressure (@68°F / 20°C)	1.4 psig @ 70°F / 21°C
Odor	Ethereal
Surface Tension: dynes/cm @ 73°C	17
Dielectric Breakdown	11.7 kV /0.1" gap
Global Warming Potential	<1
VOC* Content (aerosol)	
CARB	71%**
SCAQMD	292 g/L
Federal	0%
Kauri-Butanol (KB) Number	25
Shelflife	5 years

RoHS Compliant	Yes
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*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). **Before CARB Exemption, CARB Exemption is expected.

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Compatibility

Electro-Wash QD Precision Cleaner Degreaser has excellent compatibility with most materials used in the electronics industry. With any cleaning agent compatibility with substrate should be determined on a non-critical area prior to use.

Material	Compatibility
ABS	Fair
Buna-N	Fair
EPDM	Good
Graphite	Excellent
HDPE	Good
Kynar	Good
LDPE	Good
Lexan	Good
Neoprene	Good
Noryl	Good
Nylon 66	Excellent
Cross-Linked PE	Good
Polypropylene	Good
Polystyrene	Not Recommended
PVC	Excellent
Silicone Rubber	Good
Teflon	Good
Viton	Not Recommended

Performance

Grease Removal per gram solvent (mg)

Electro-Wash QD	1.2
HFE-Based Cleaner	0.5

Usage Instructions

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

Spray 4-6 inches from surface to clean. Wash parts from top to bottom, allowing the liquid to flush away dirt and dissolved grease. For precise application use attached extension tube.

Availability

DEL1608B 12 oz. / 340 g Aerosol w/ BrushClean System

Environmental Impact Data

HCFC-141b	None
HCFC-225	None
Trans 1,2 dichloroethylene	None
nPB	None
HFC	None
HFE	None

Hydrochlorofluorocarbons (HCFCs) are regulated under the Montreal Protocol as Class II ozone depleting substances. HCFC-141b and HCFC-225 are no longer produced in the US under this legislation. Hydrofluorocarbons (HFCs) and Hydrofluoroethers (HFE's) 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.