

CHEMTRONICS

Technical Data Sheet

TDS # DEL1608B

Electro-Wash[®] QD Cleaner Degreaser

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

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

*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.

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.

| <u>Material</u> | <u>Compatibility</u> |
|-----------------|----------------------|
| 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 commercial use only.
 Read MSDS 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.

TECHNICAL & APPLICATION ASSISTANCE

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

AVAILABILITY

DEL1608B 12 oz. Aerosol w/ BrushClean

| ENVIRONMENTAL IMPACT DATA | | | |
|----------------------------------|------|-----|------|
| HCFC-141b | None | nPB | None |
| HCFC-225 | None | HFC | None |
| trans 1,2 dichloroethylene | 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.

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.

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